

TO 220 PLATE EIGHT

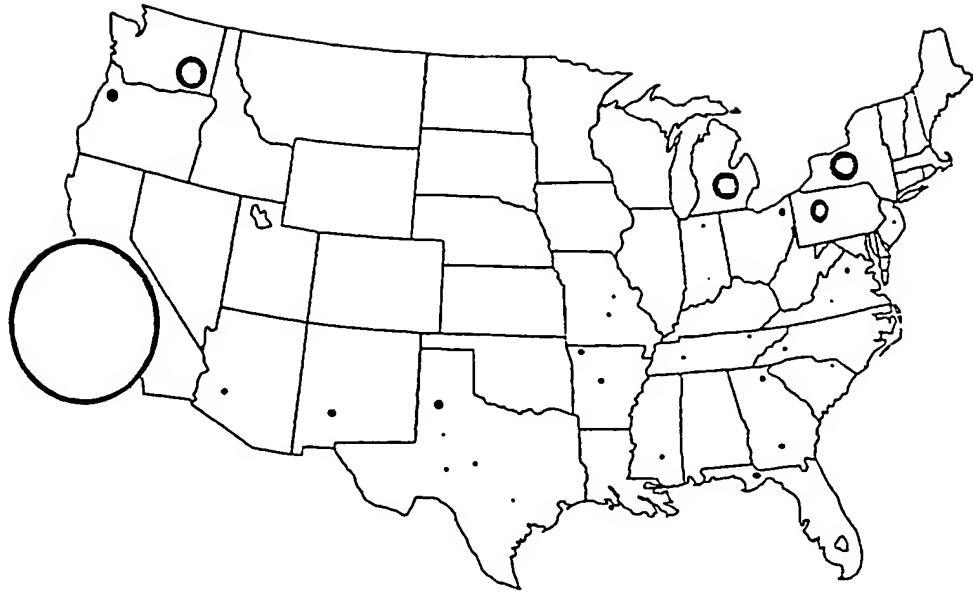
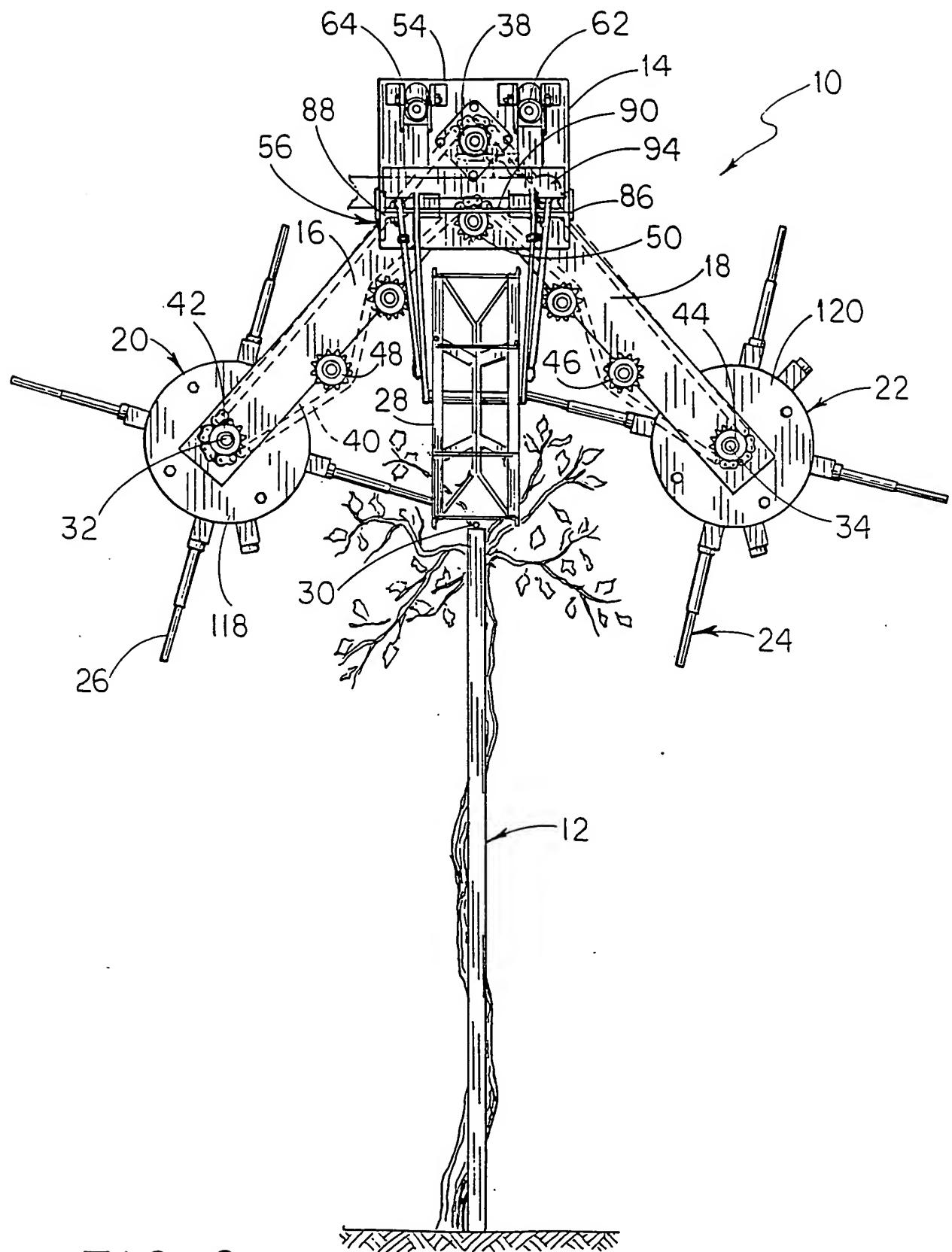


FIG. 1

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+



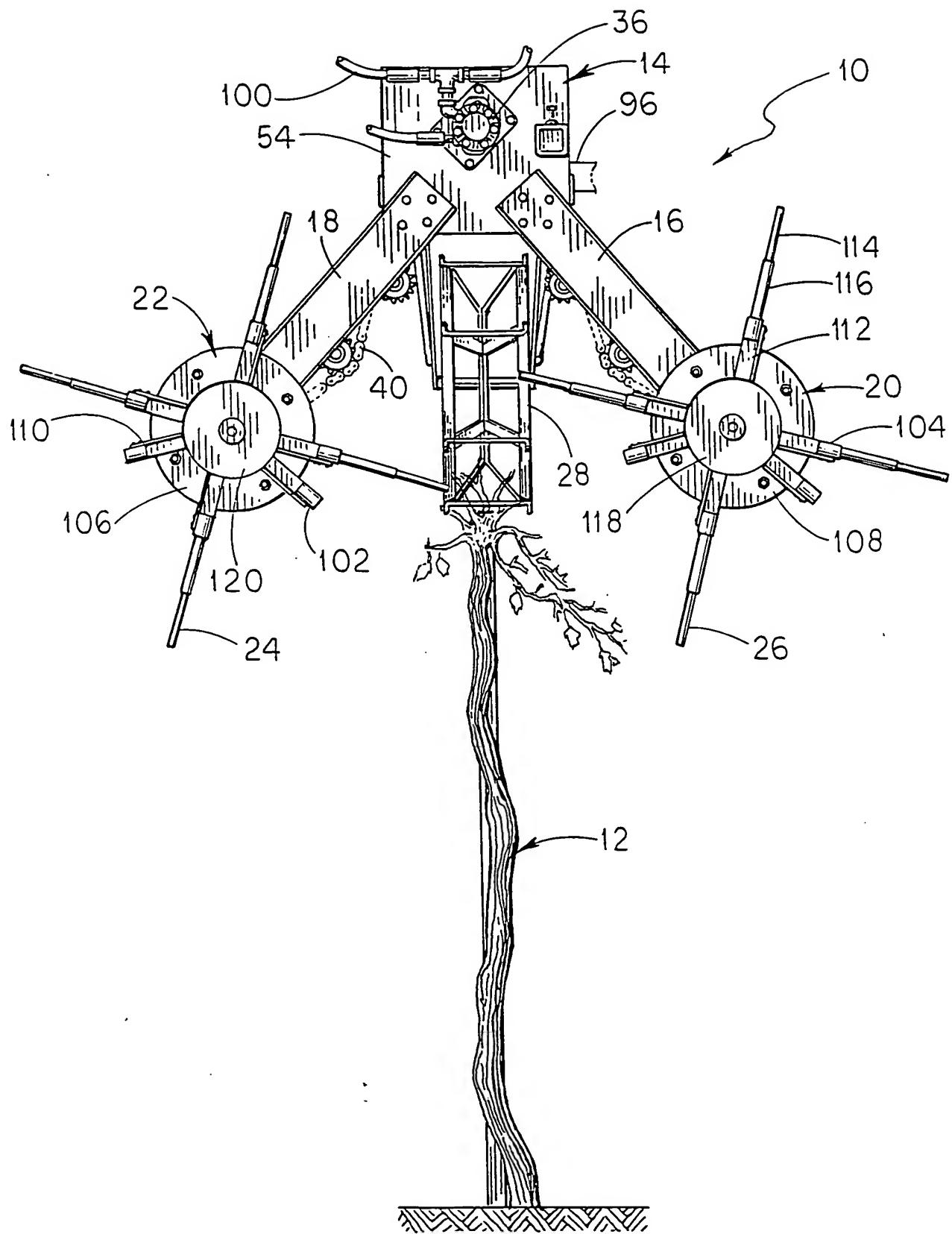


FIG. 3

10034914 10/20/2011

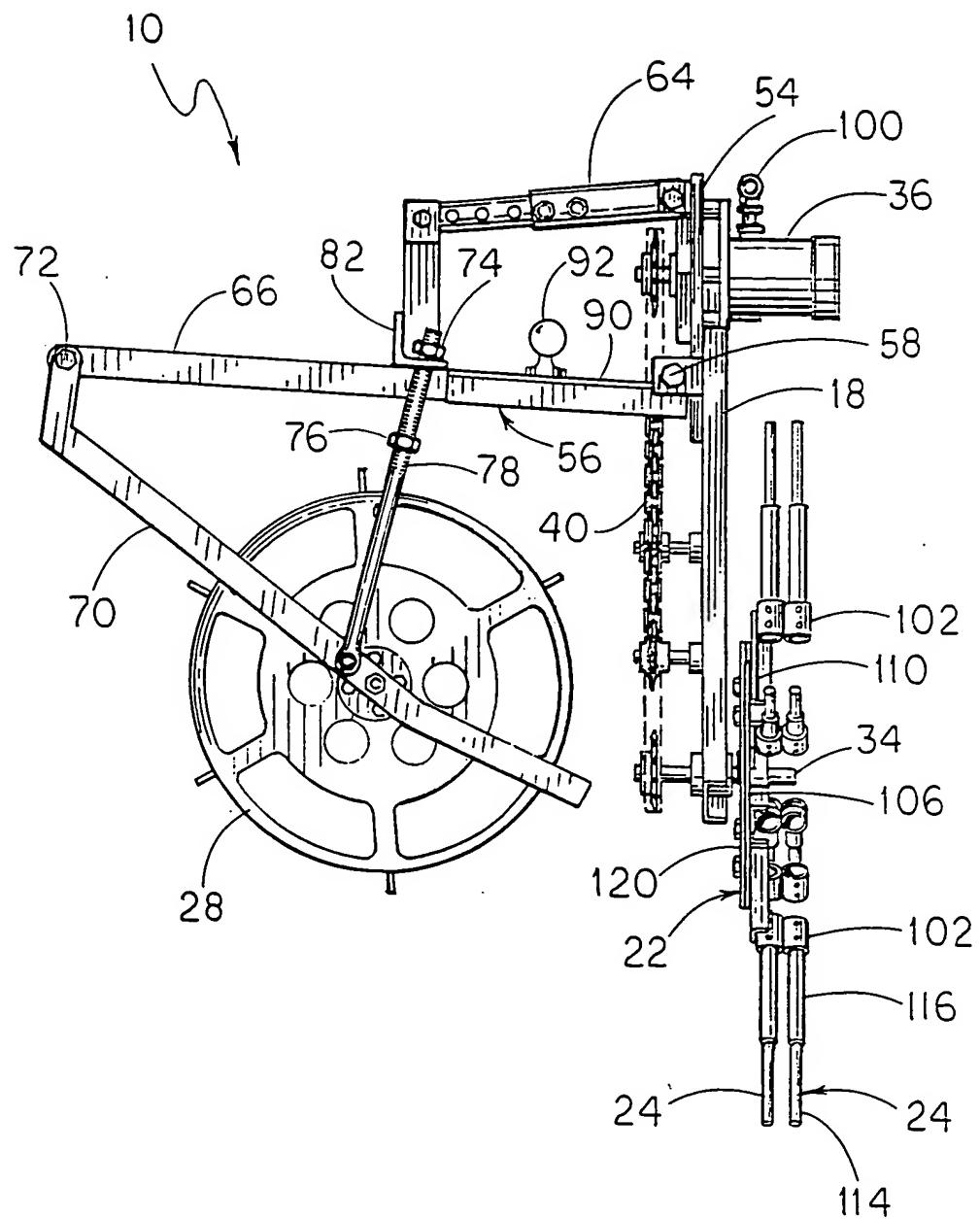


FIG. 4

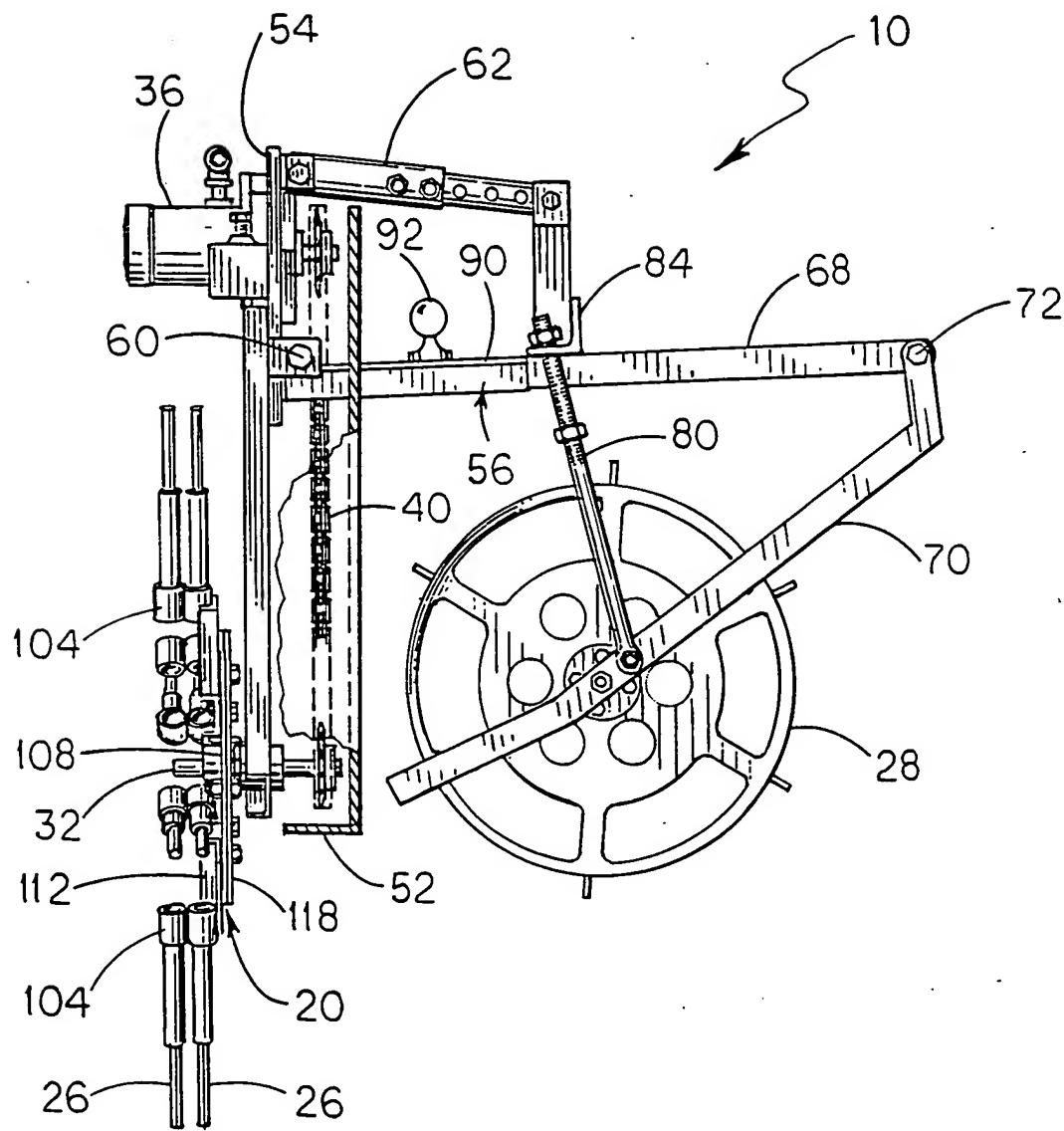
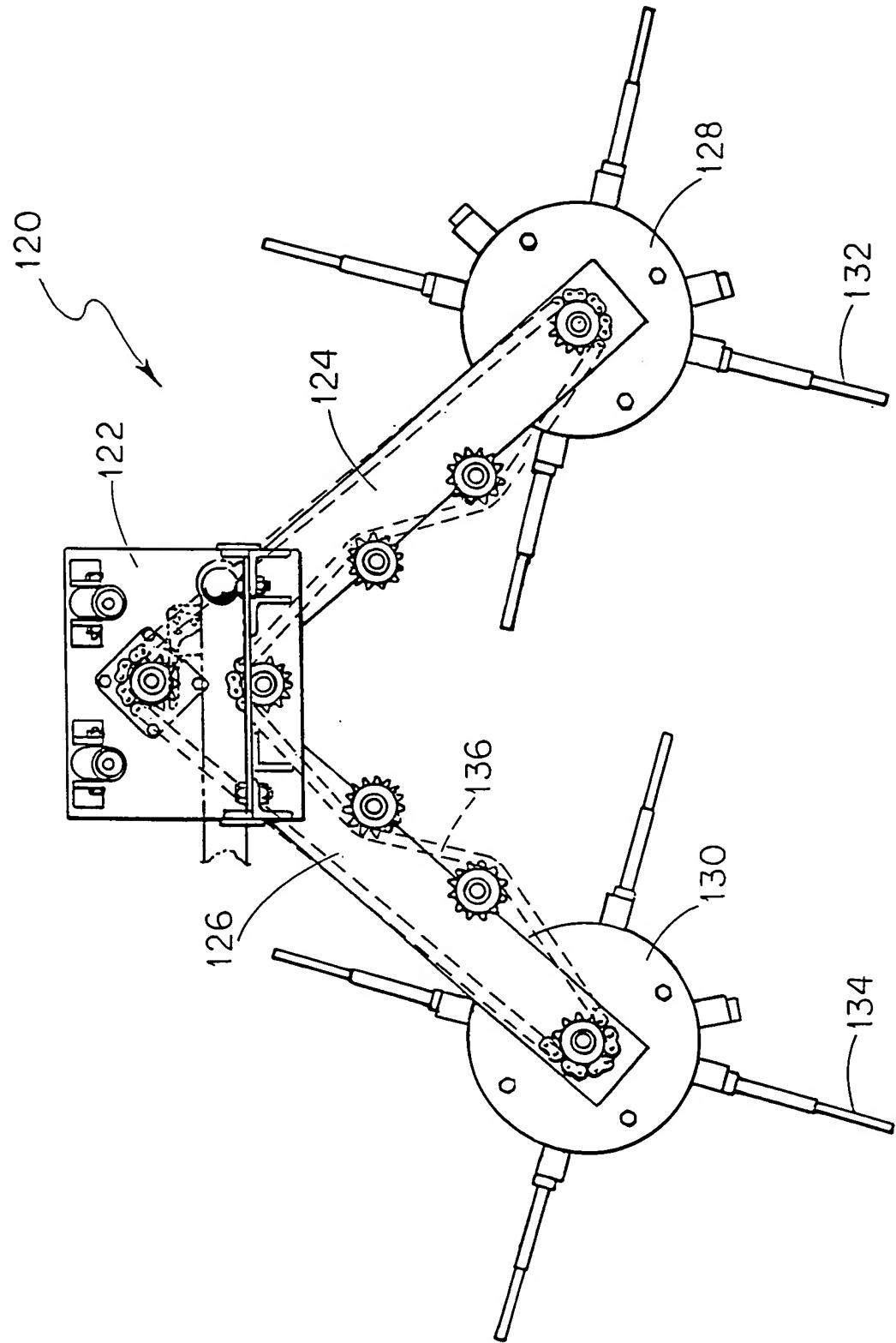


FIG. 5



E—G. 6

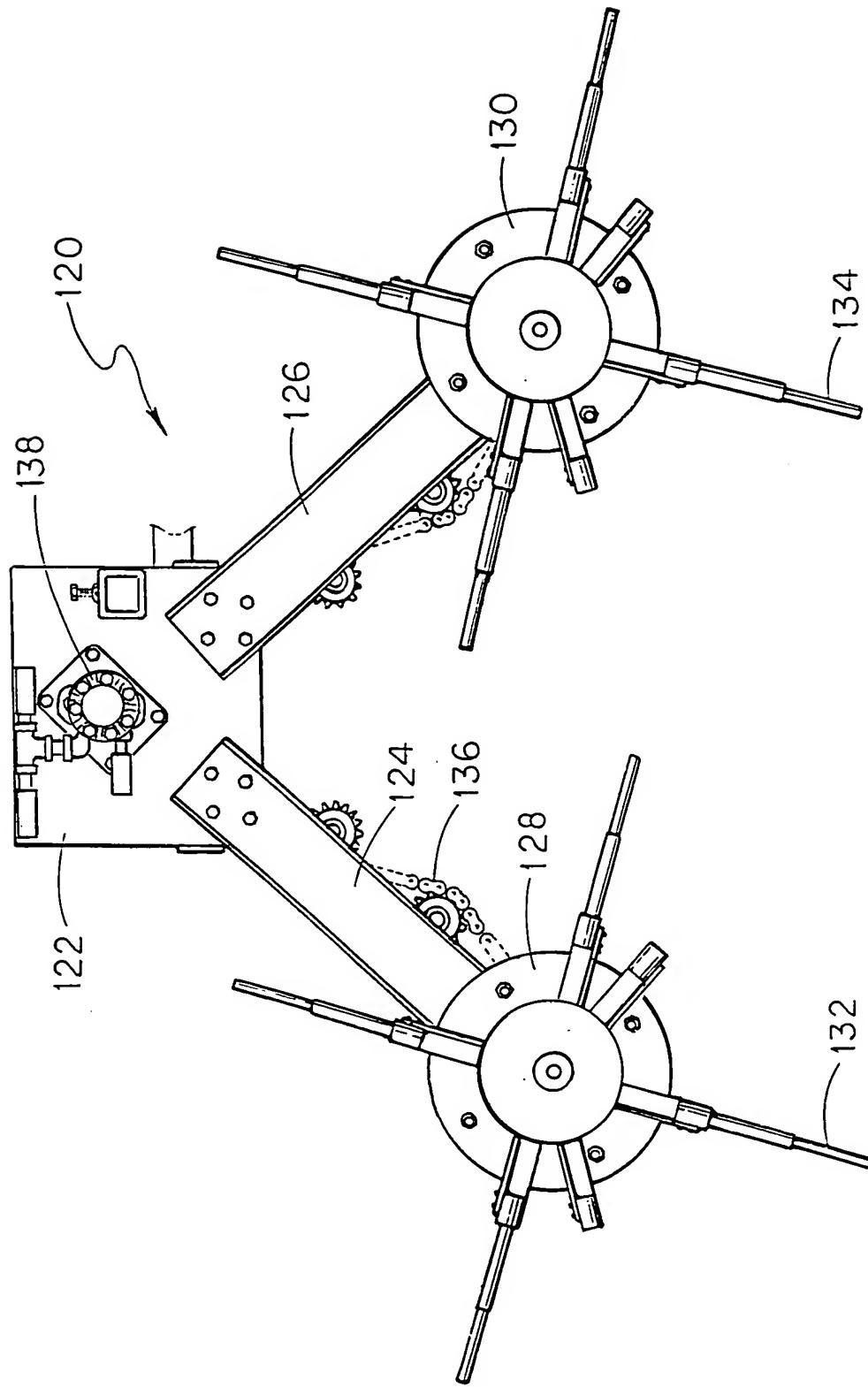
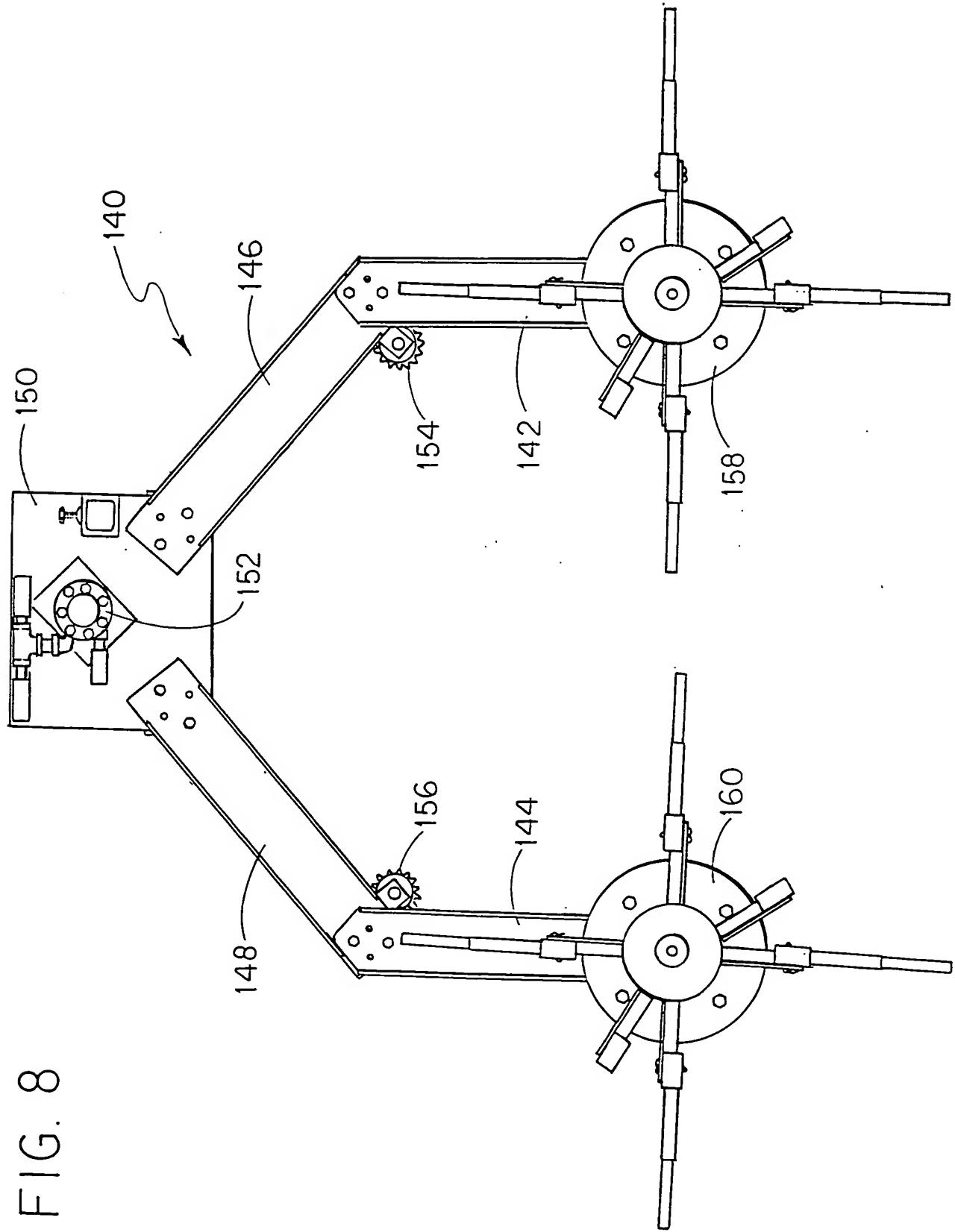


FIG. 7

FIG. 8



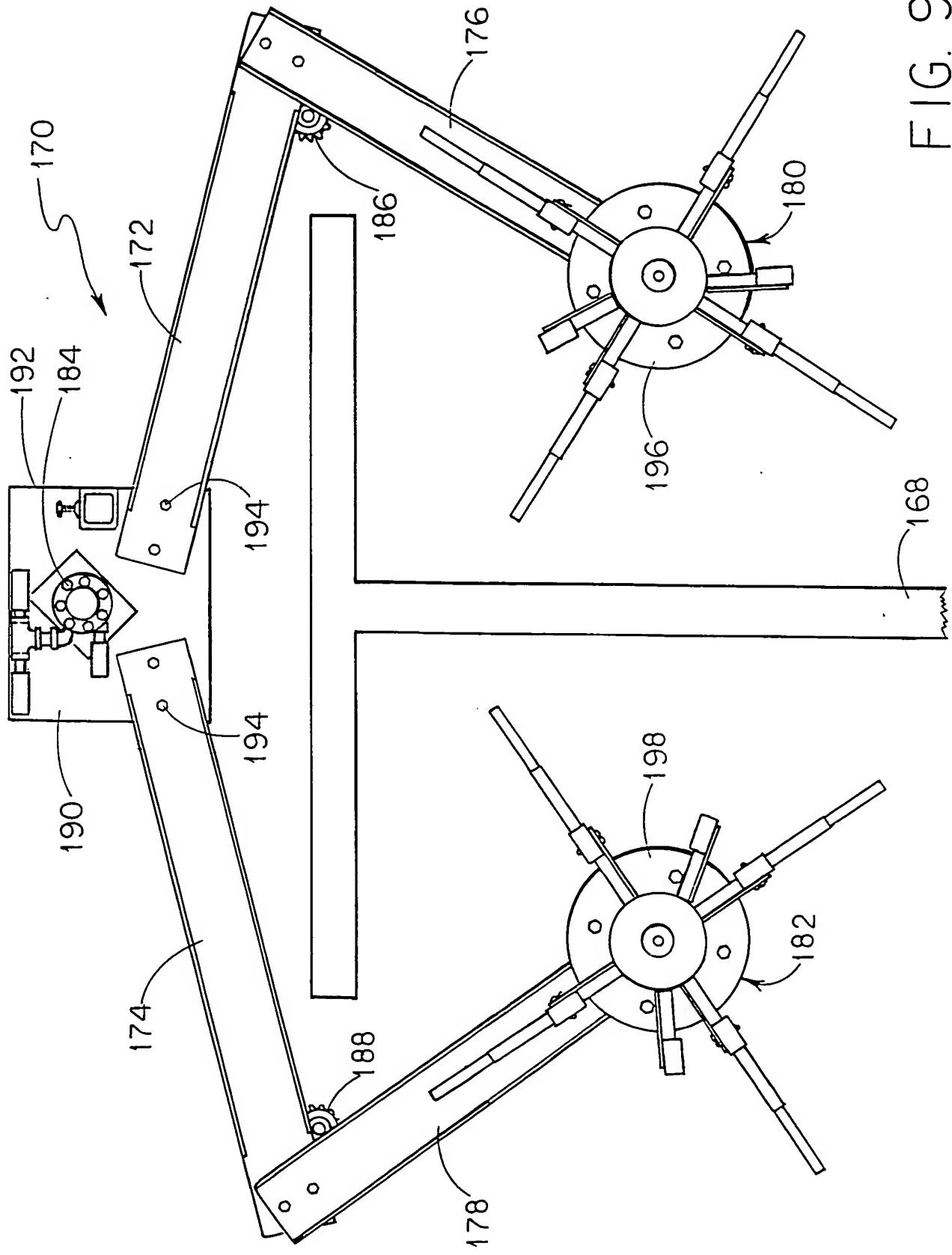


FIG. 9 +

1000149314 102204

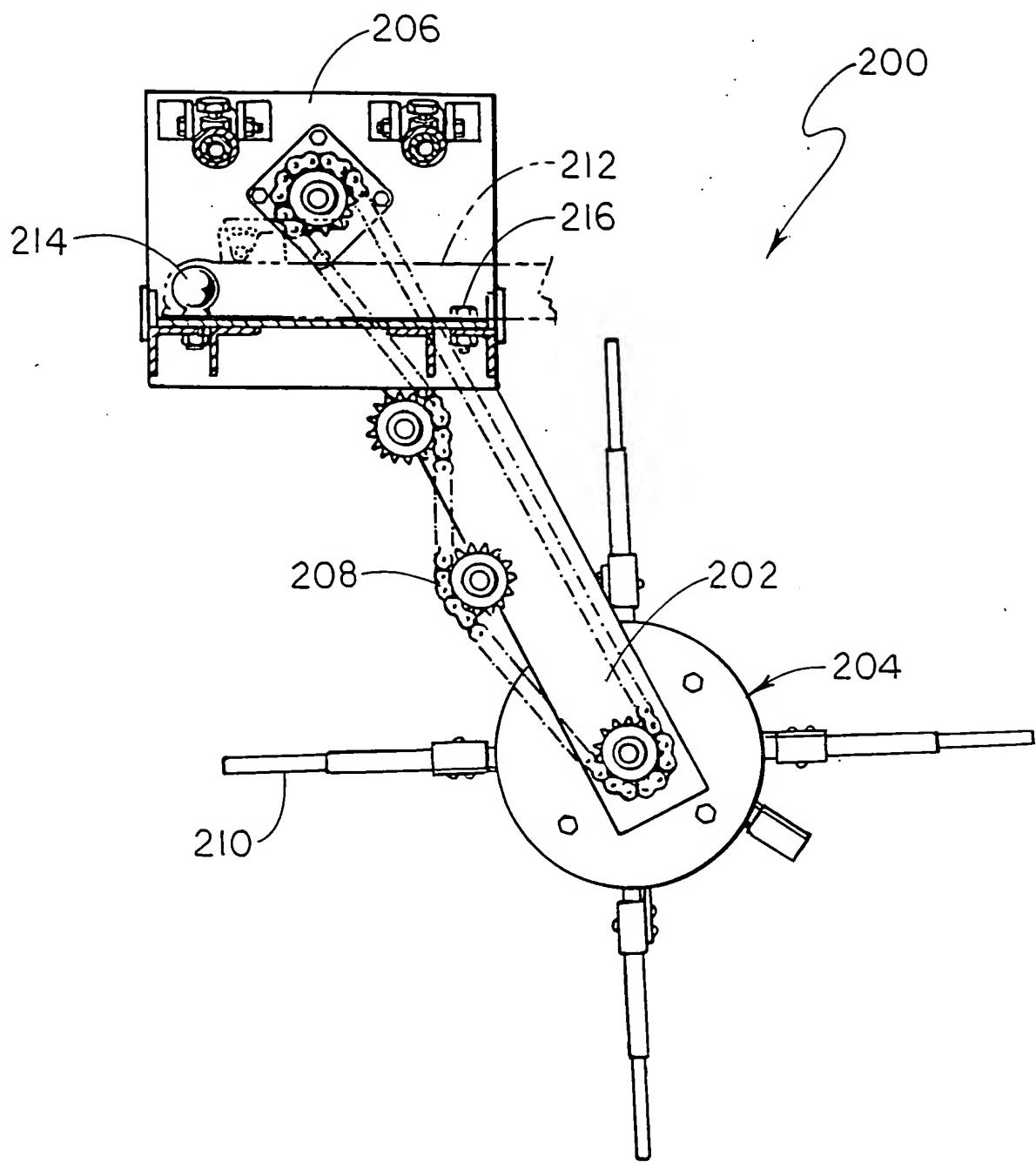


FIG. 10

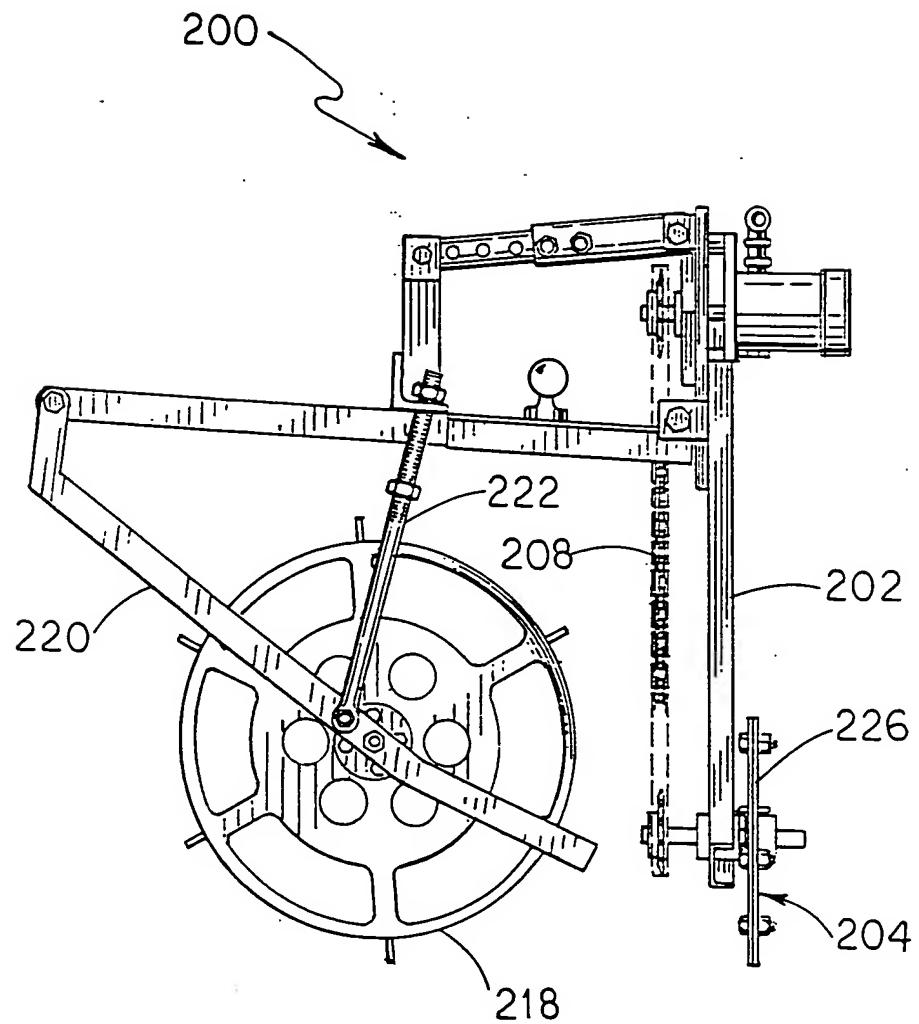


FIG. 11

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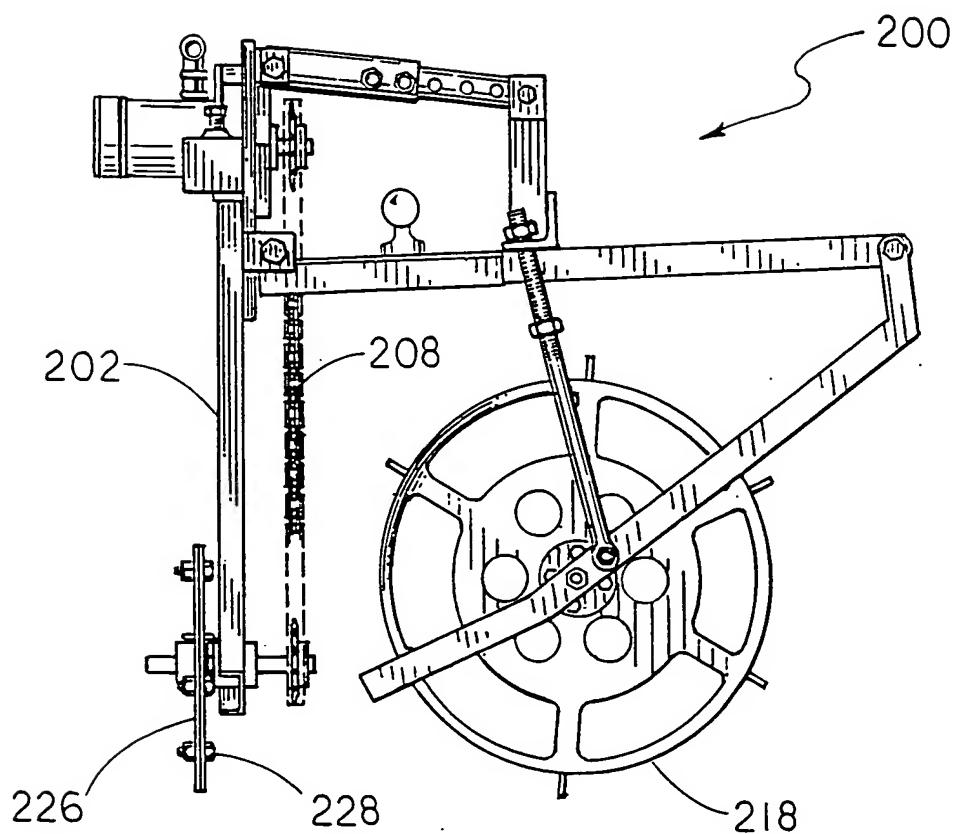


FIG. 12

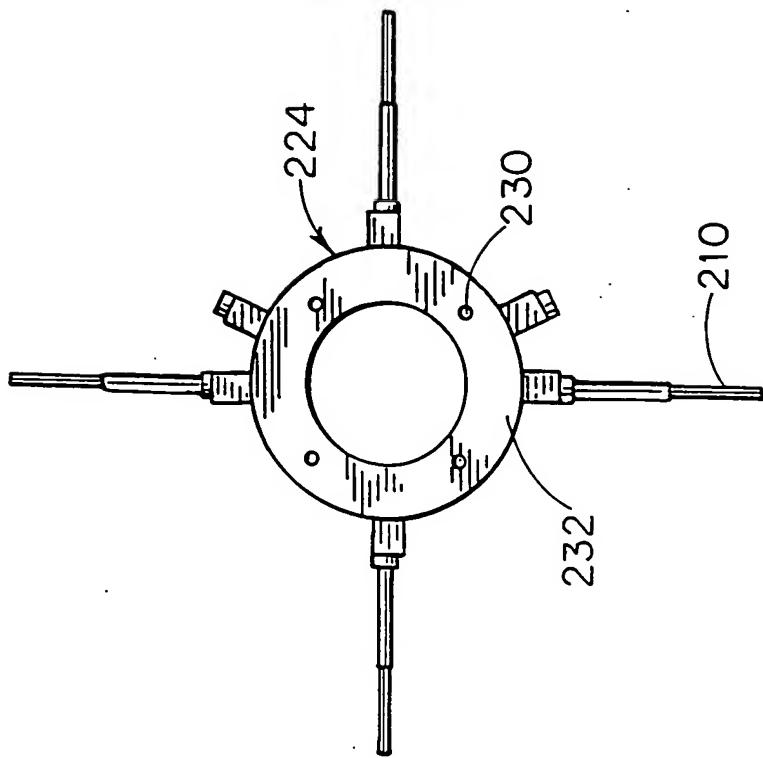
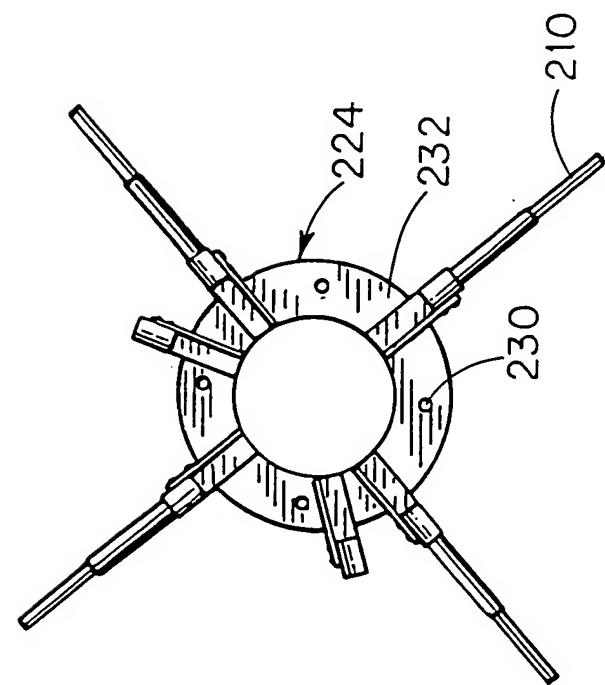
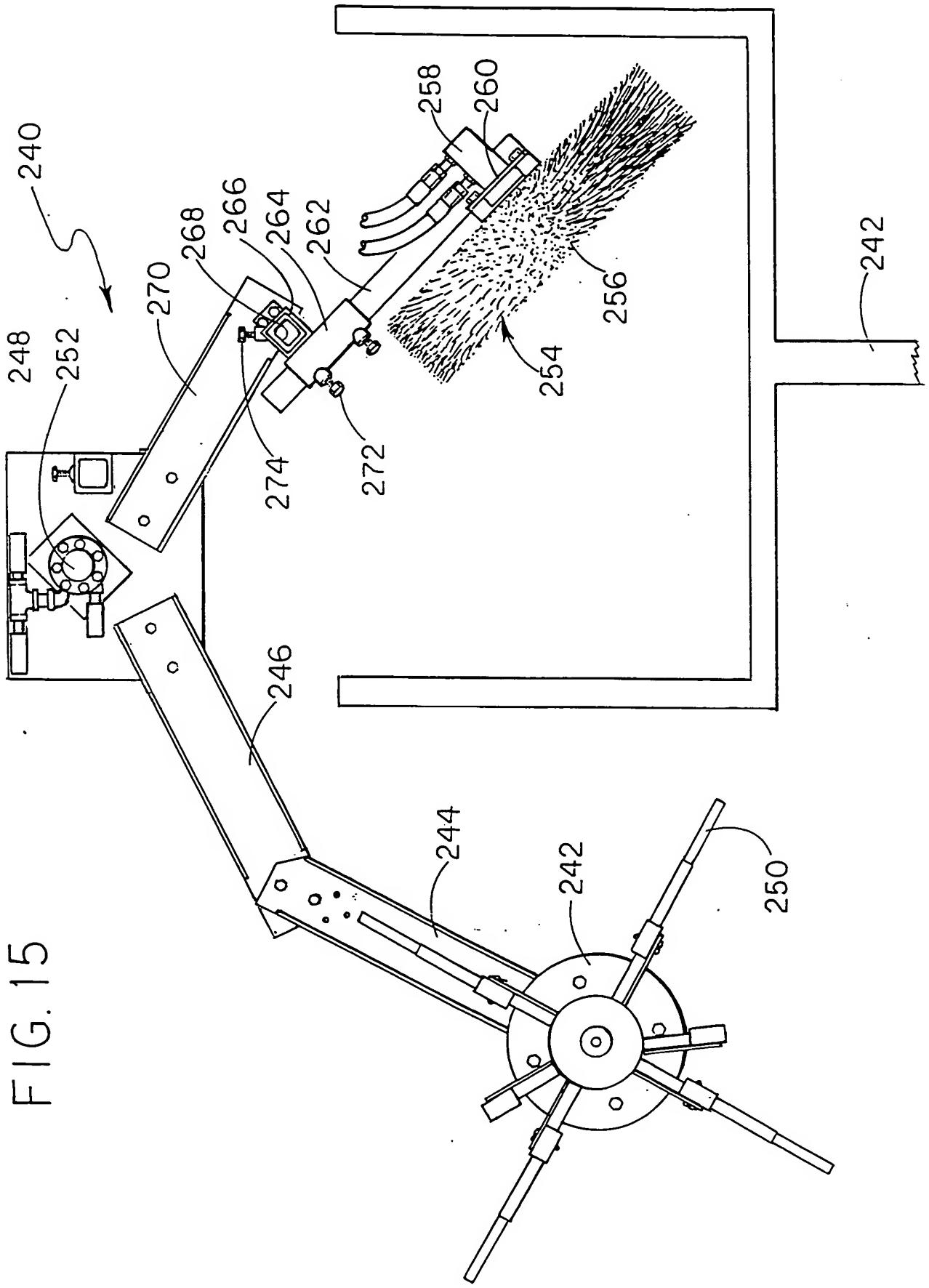
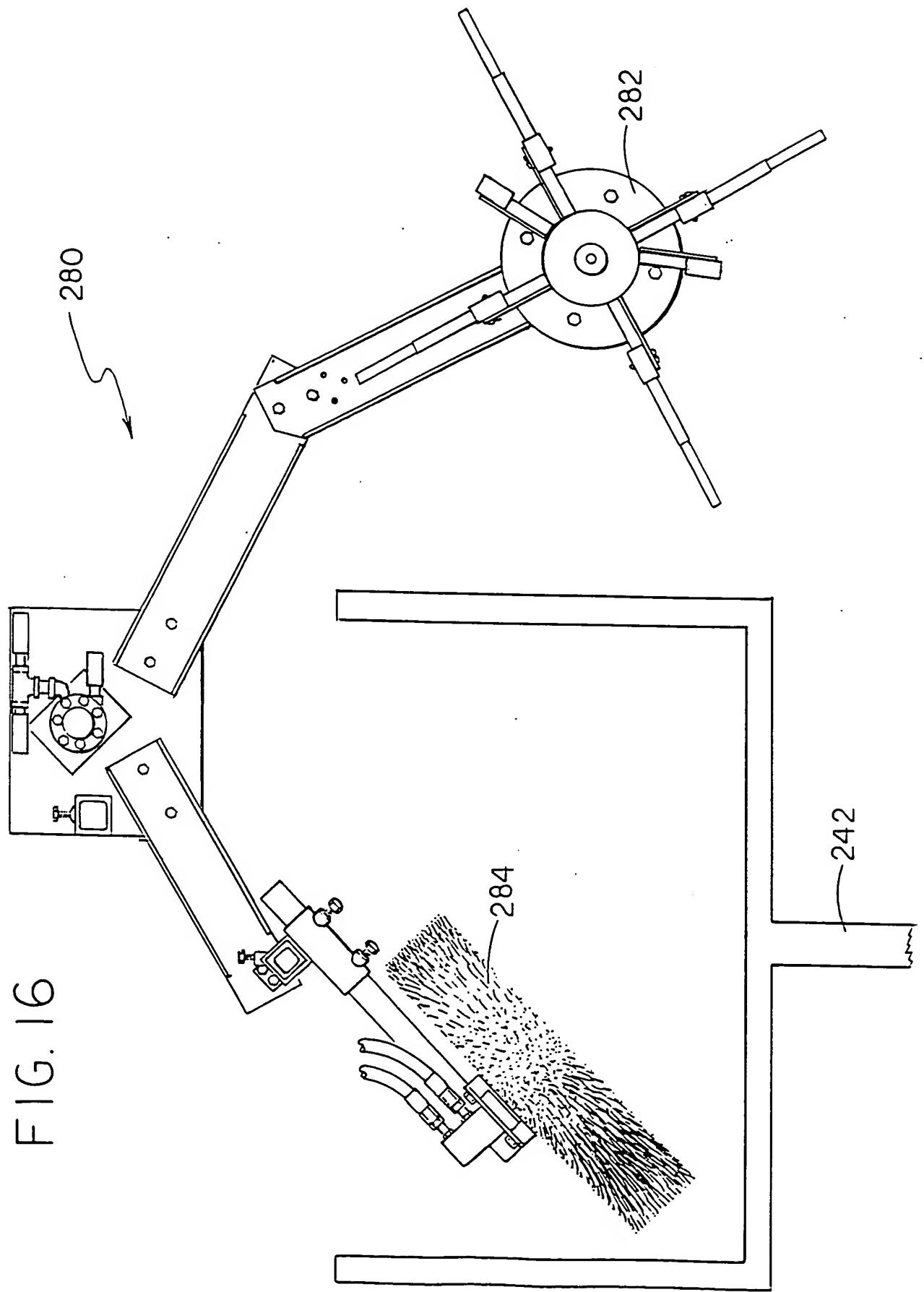


FIG. 15





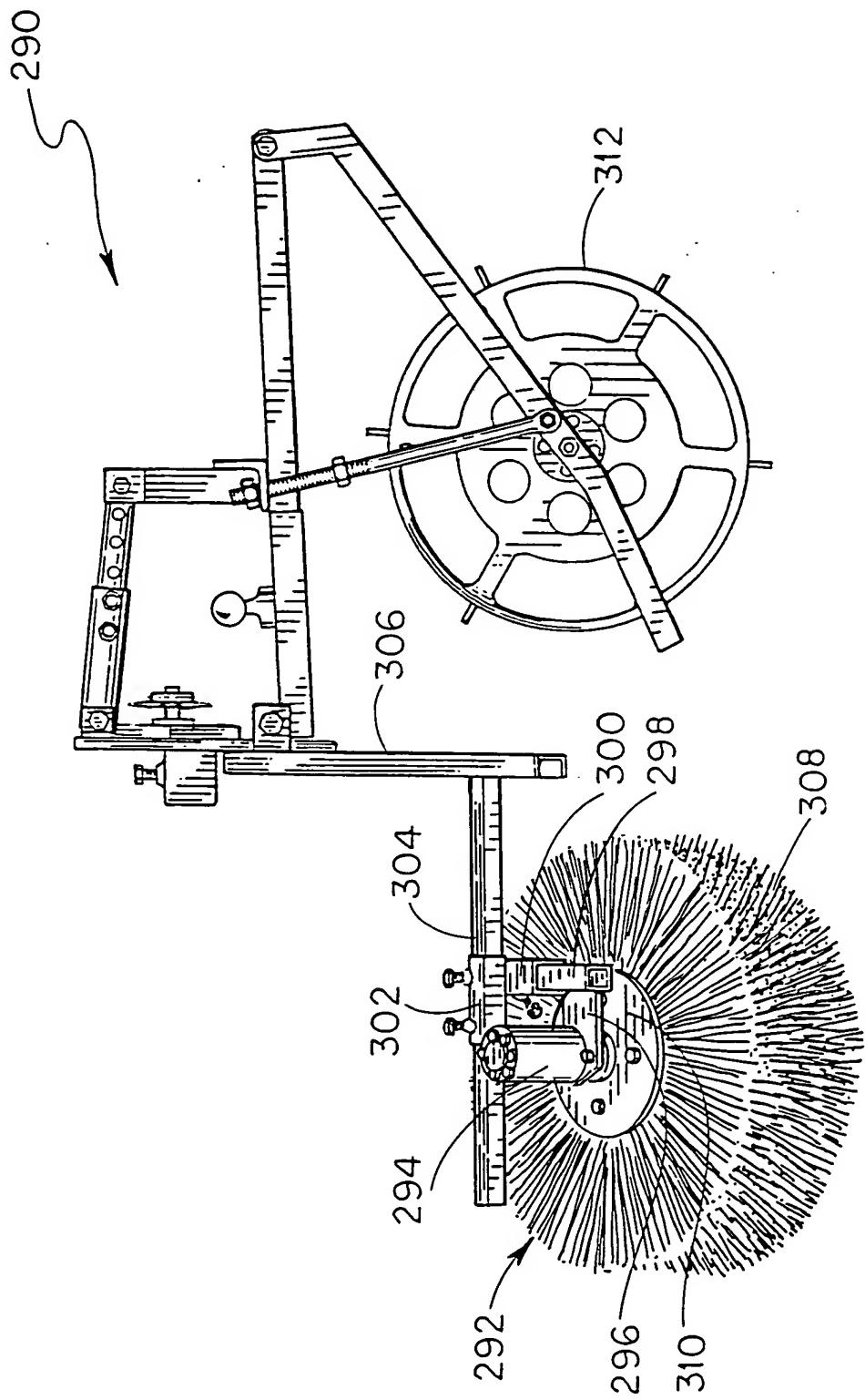


FIG. 17

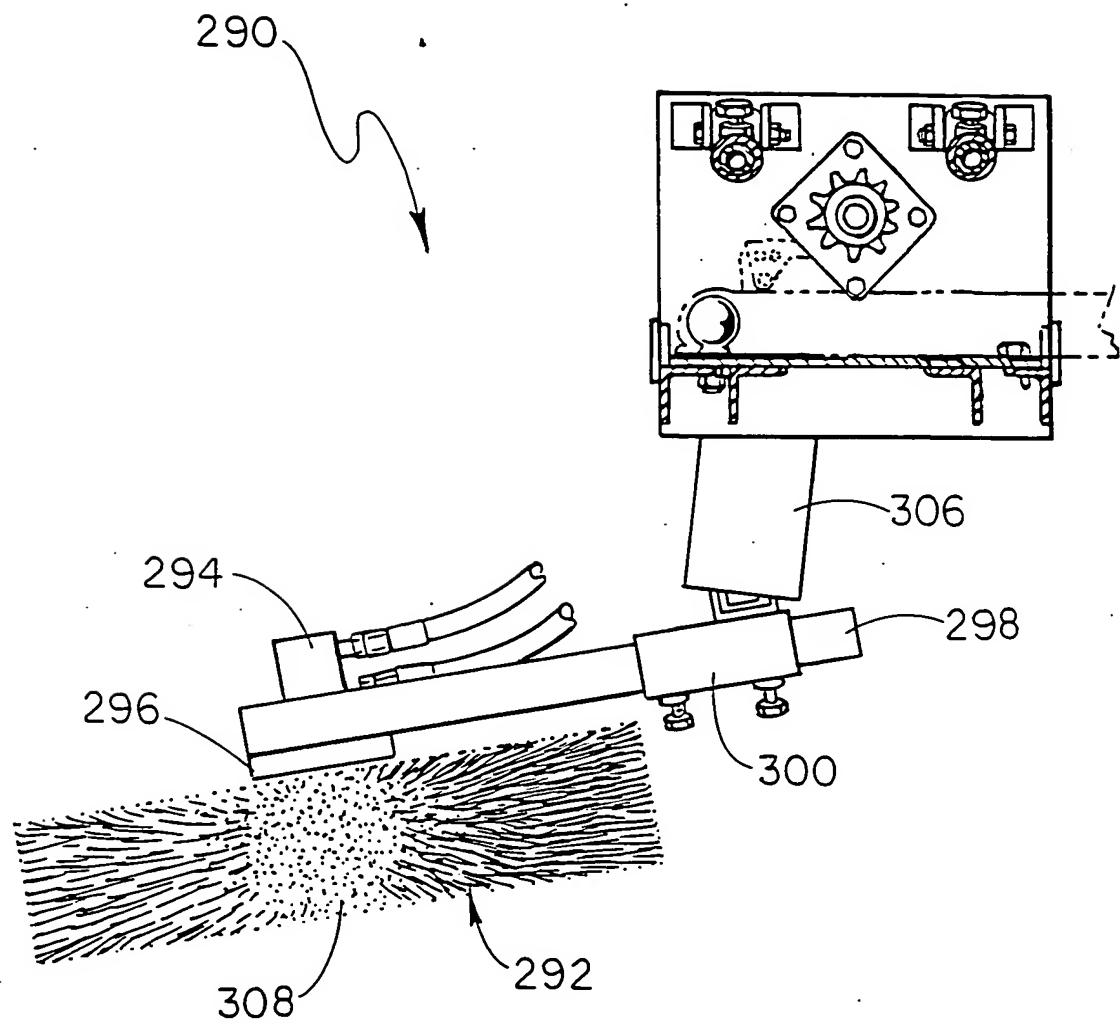


FIG. 18

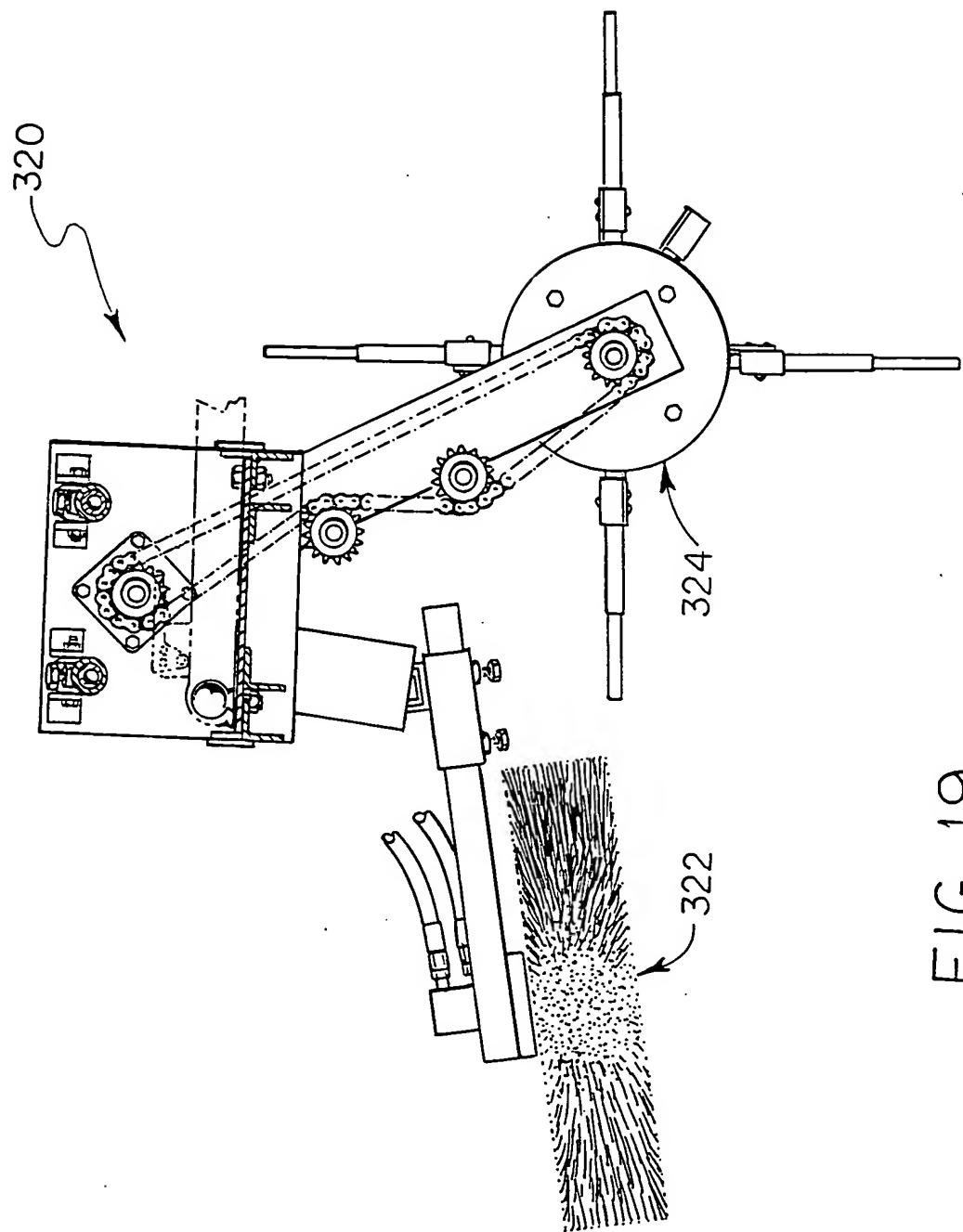


FIG. 19

10004544 102200

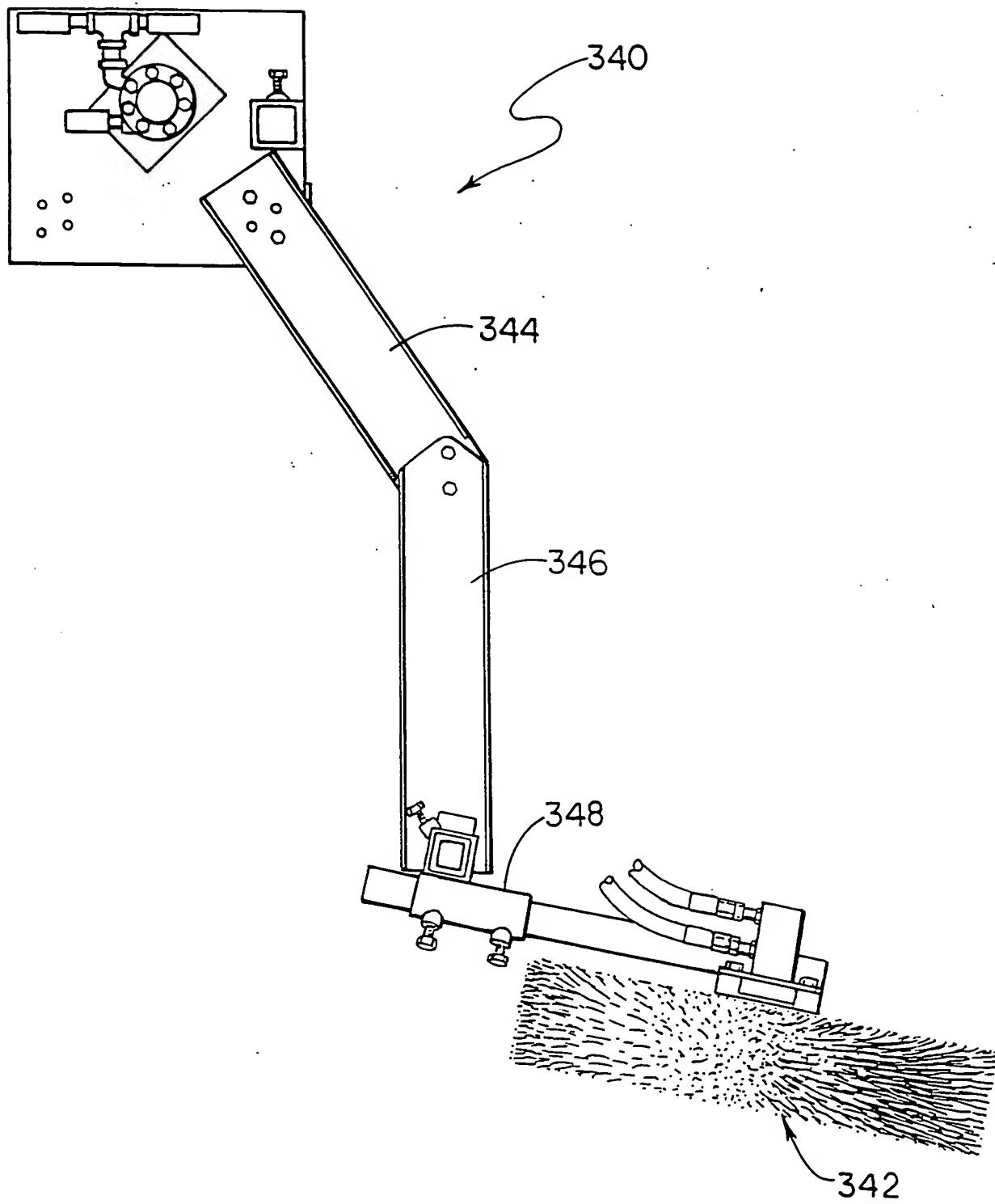


FIG. 20

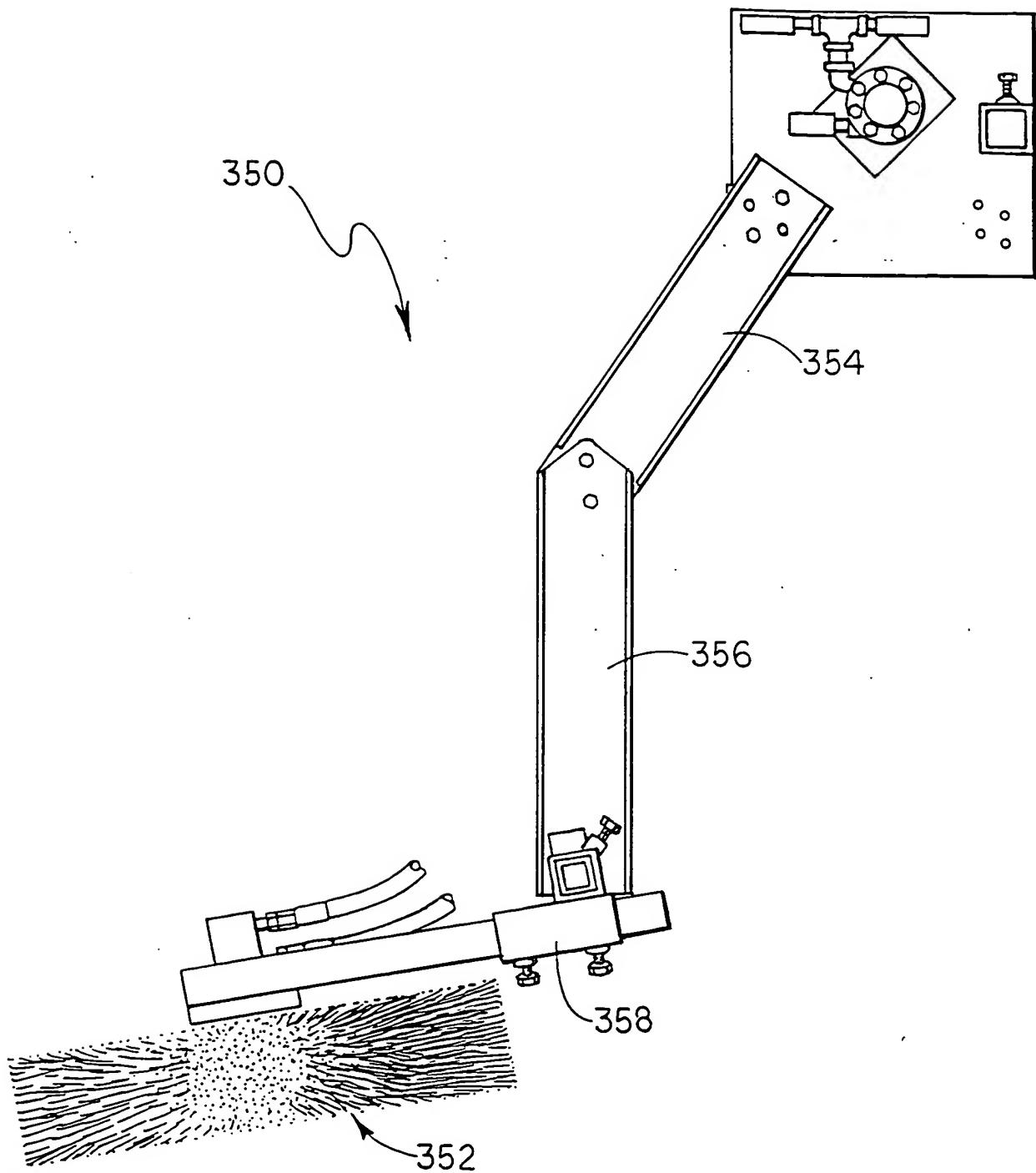


FIG. 21

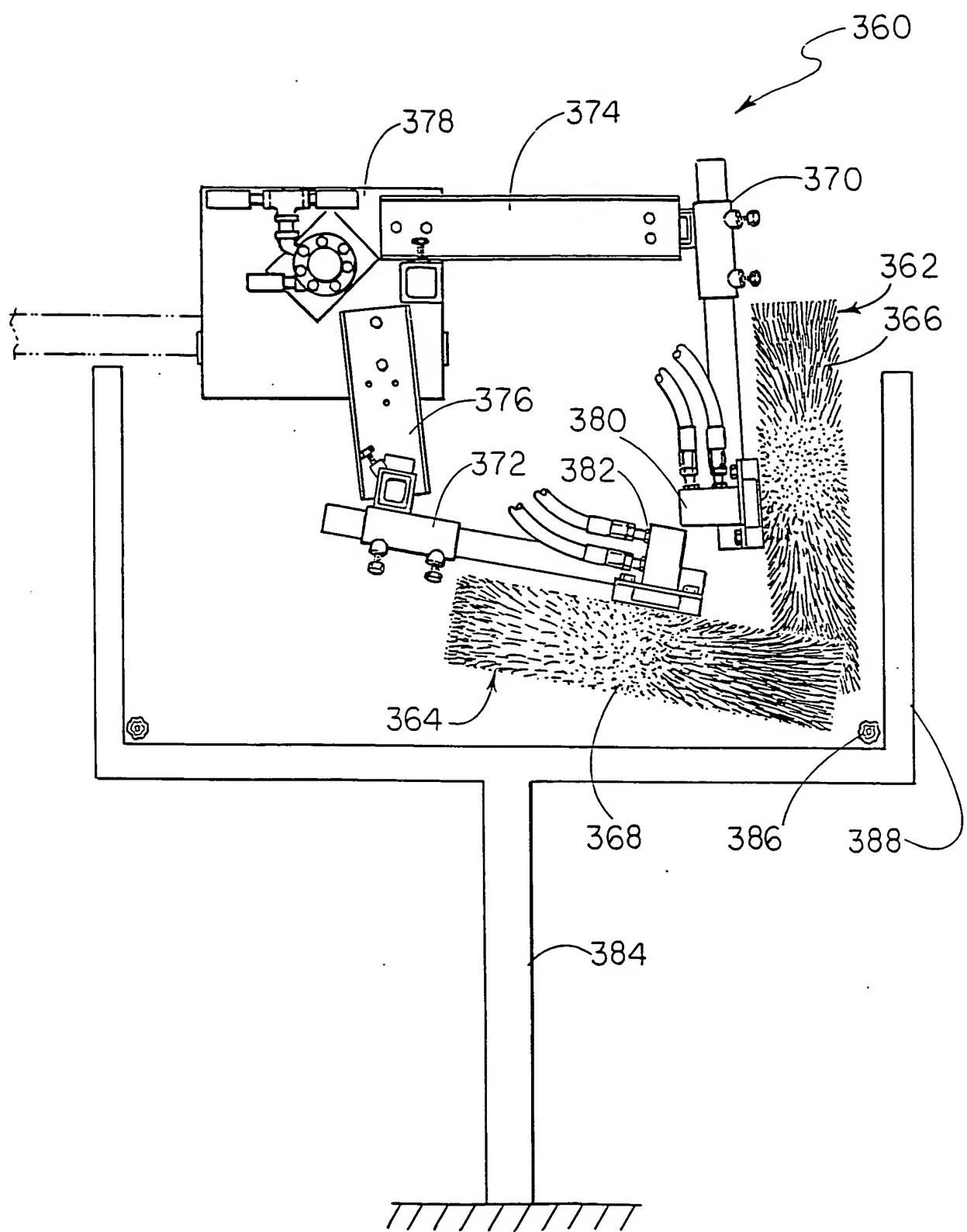


FIG. 22

1000149474 10222

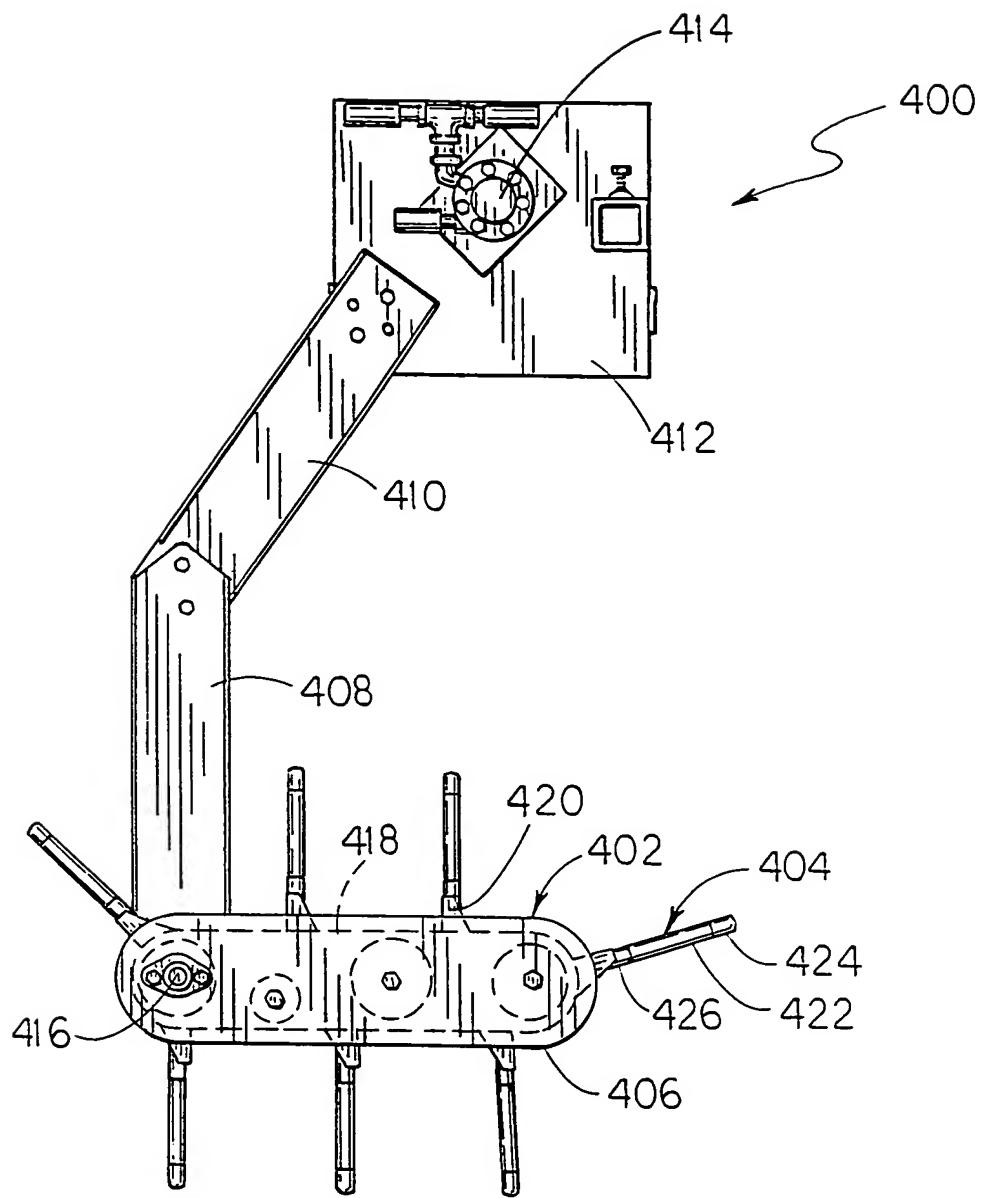


FIG. 23

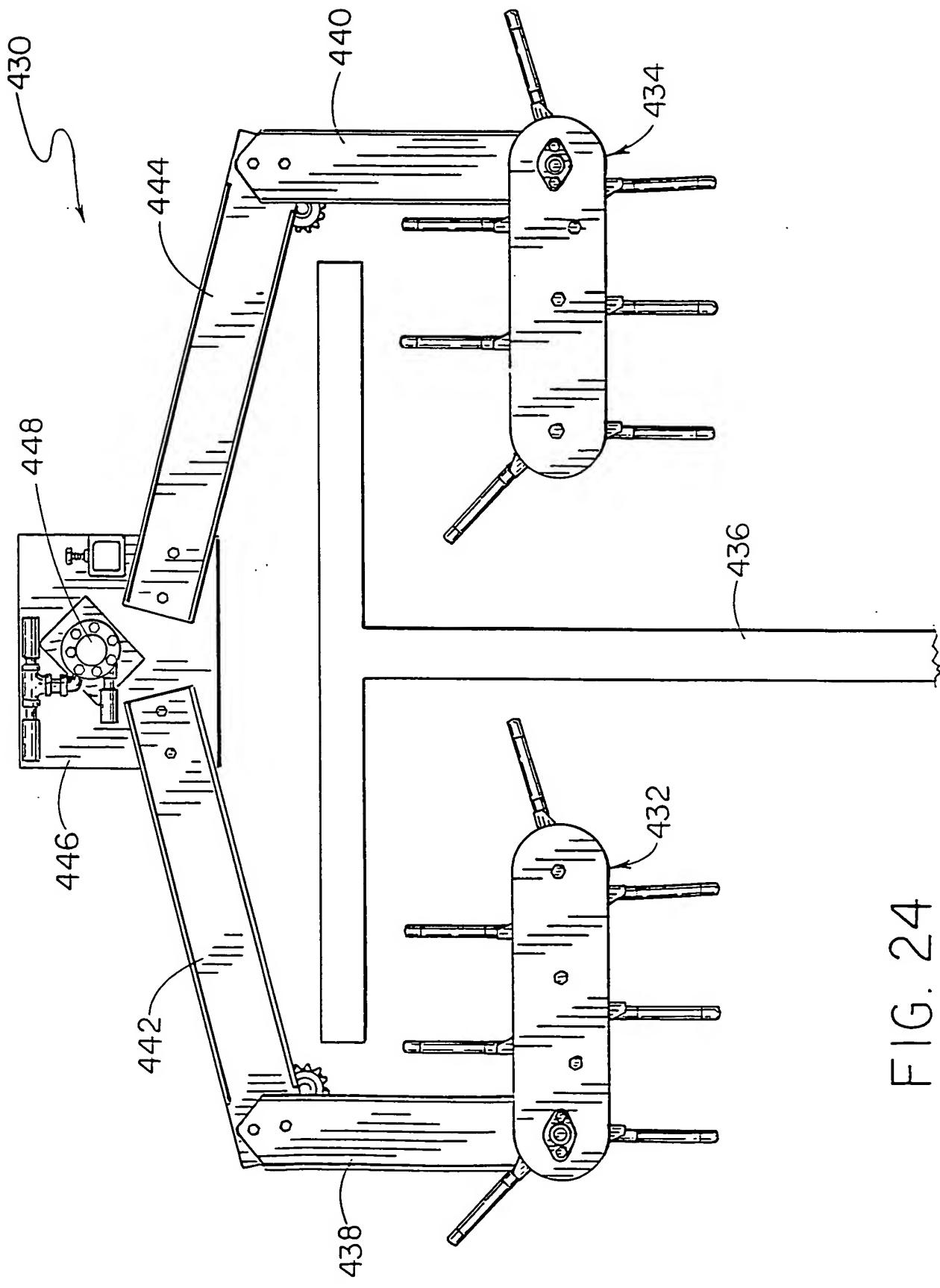


FIG. 24

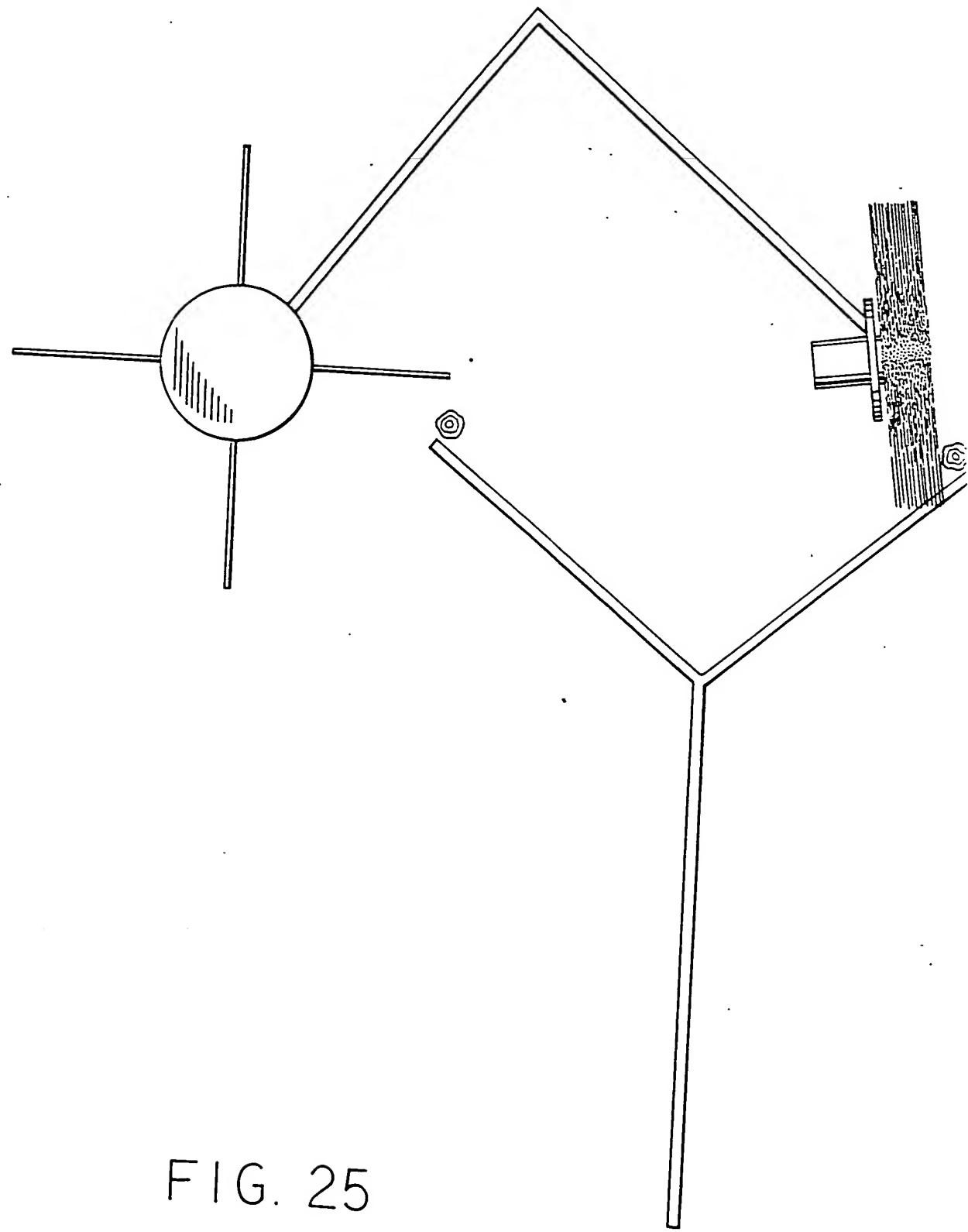


FIG. 25

20034344 1002000

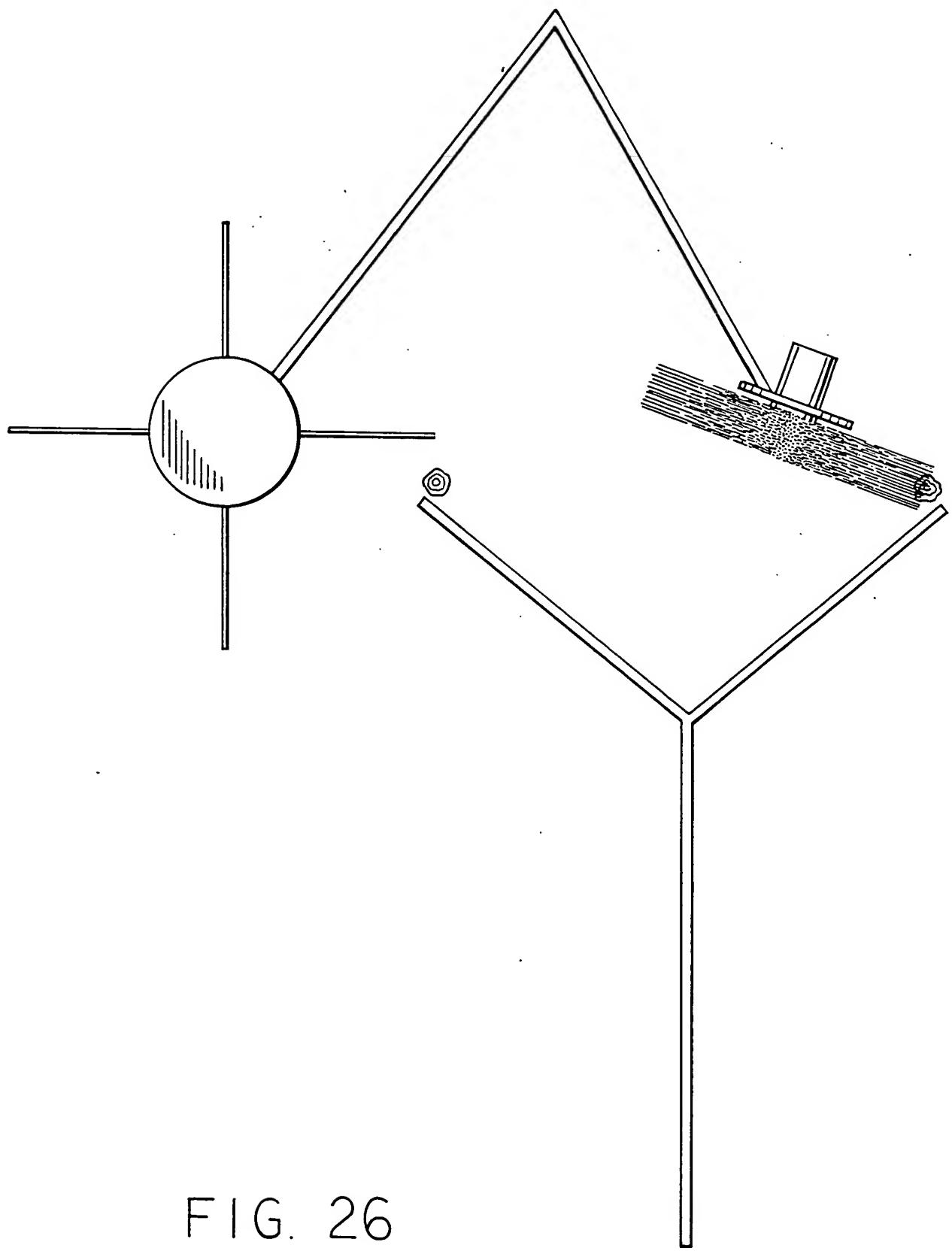


FIG. 26

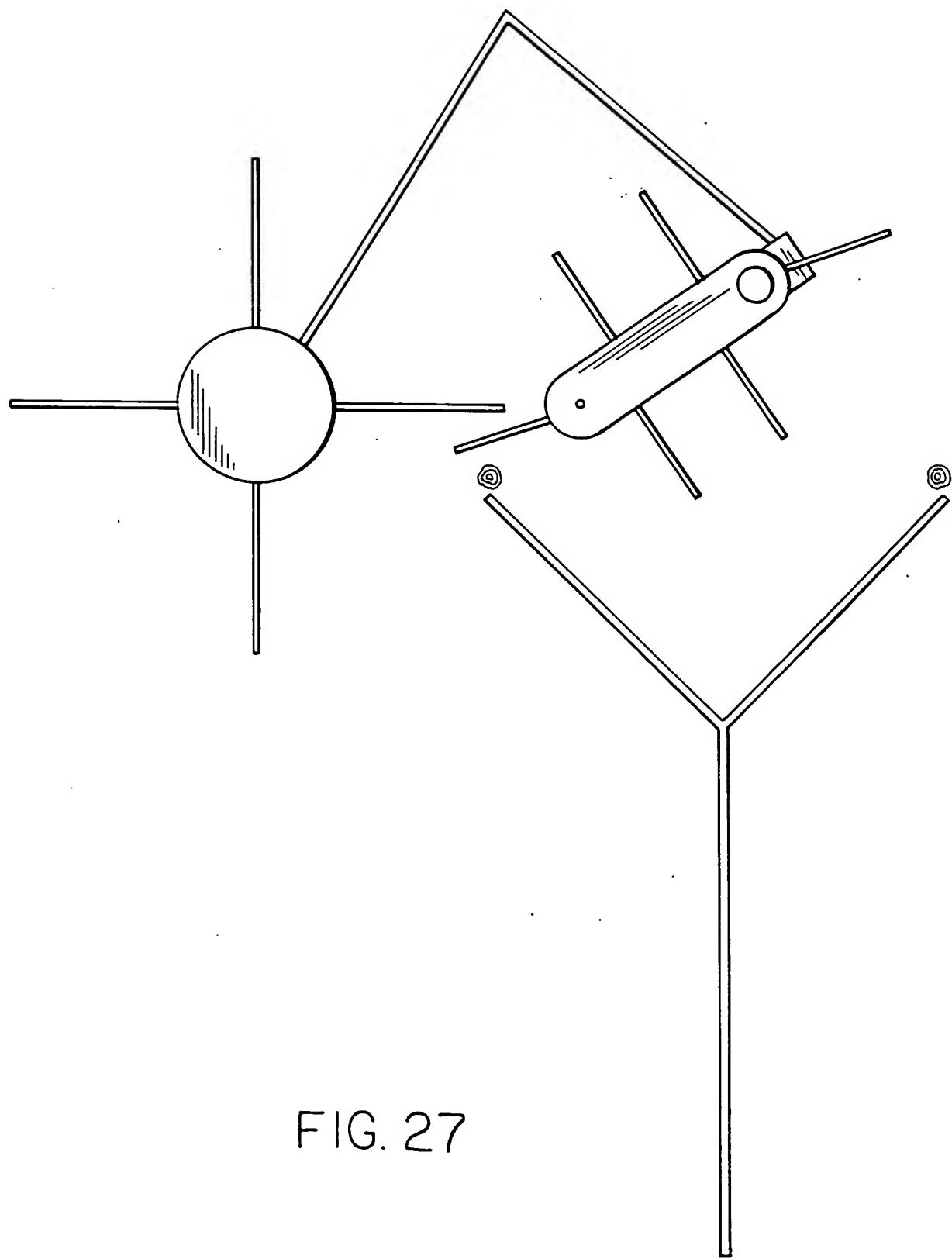


FIG. 27

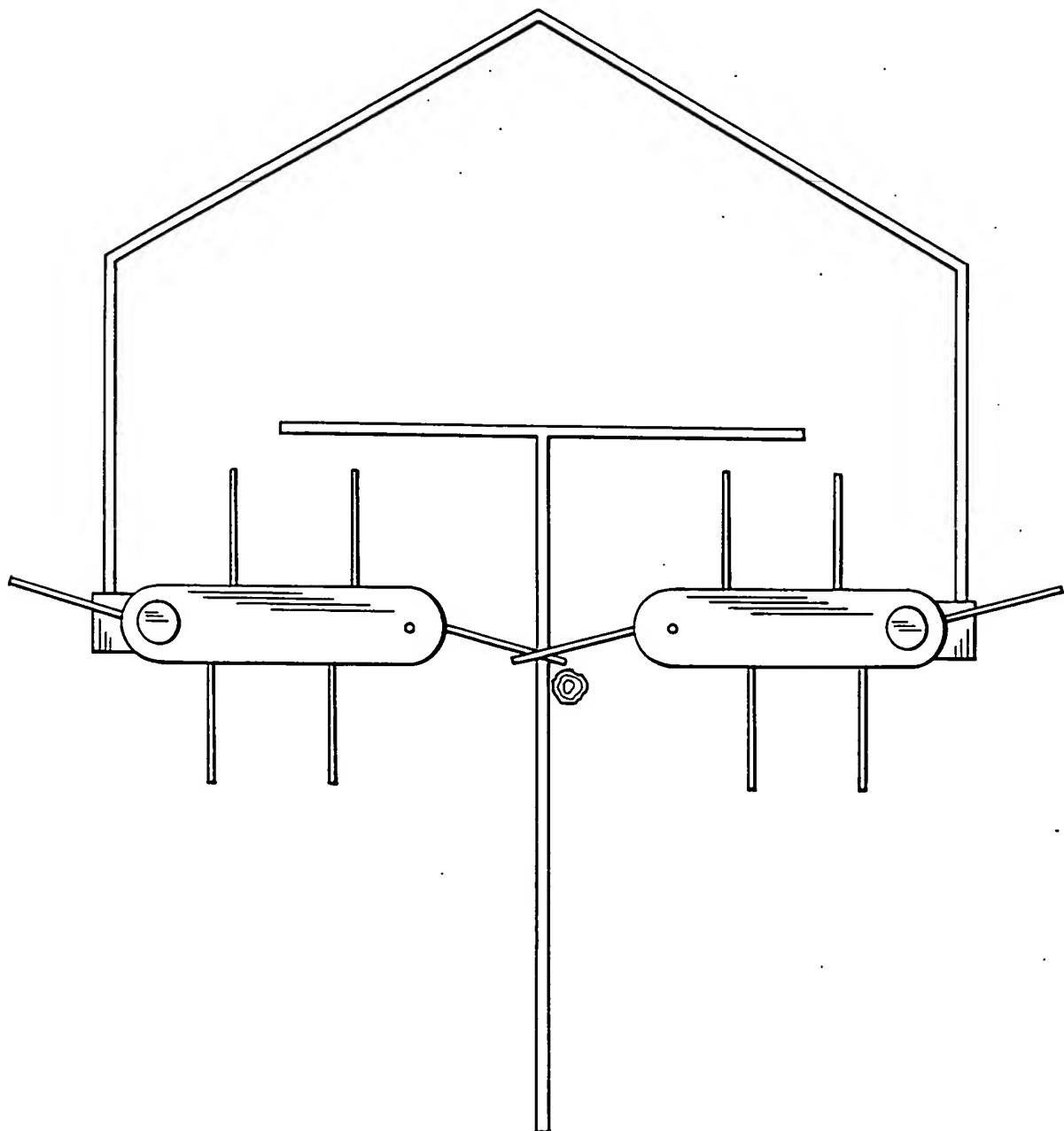
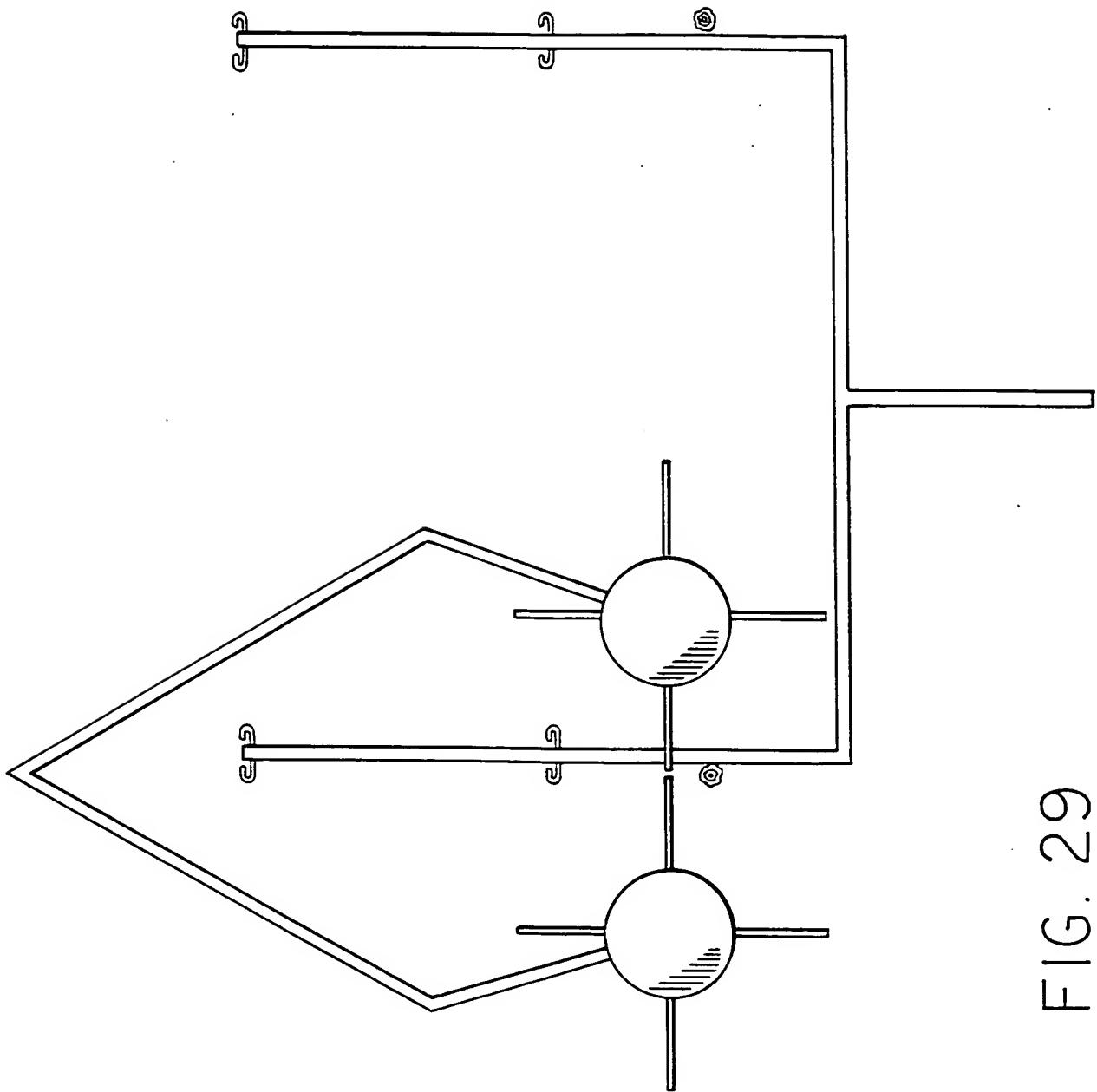


FIG. 28

FIG. 29



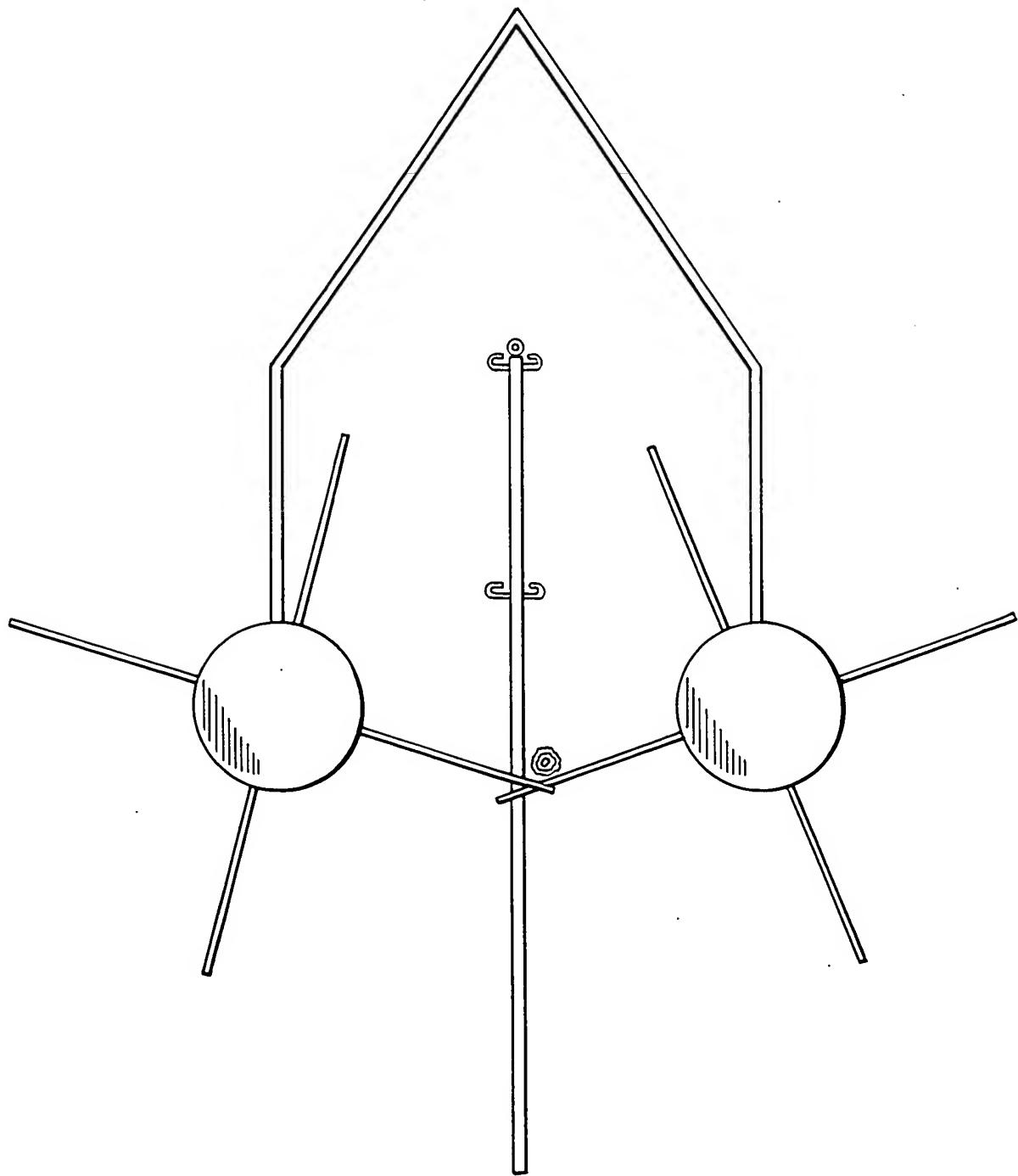


FIG. 30

30024474 402204

+

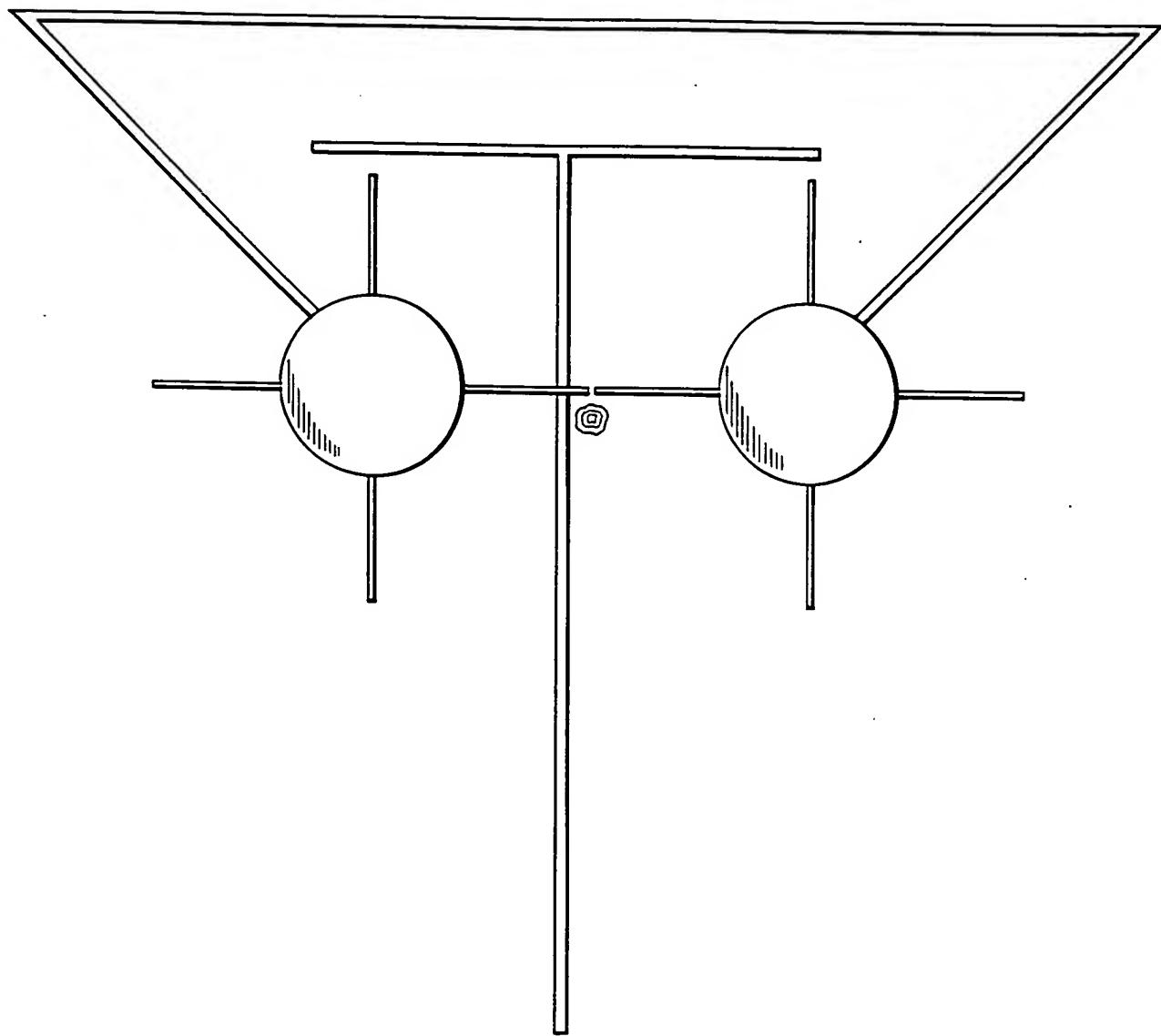


FIG. 31

10014574 10004

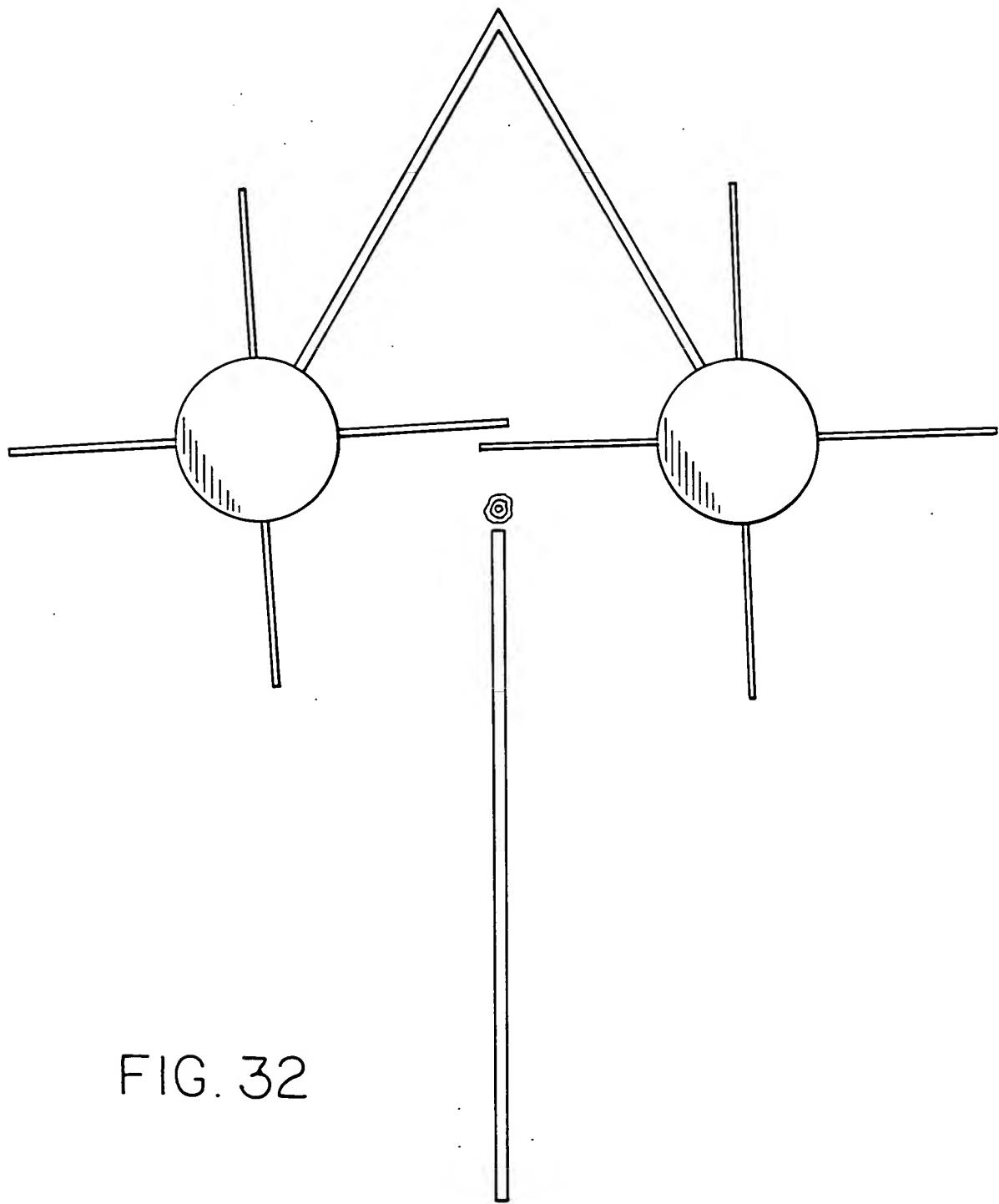
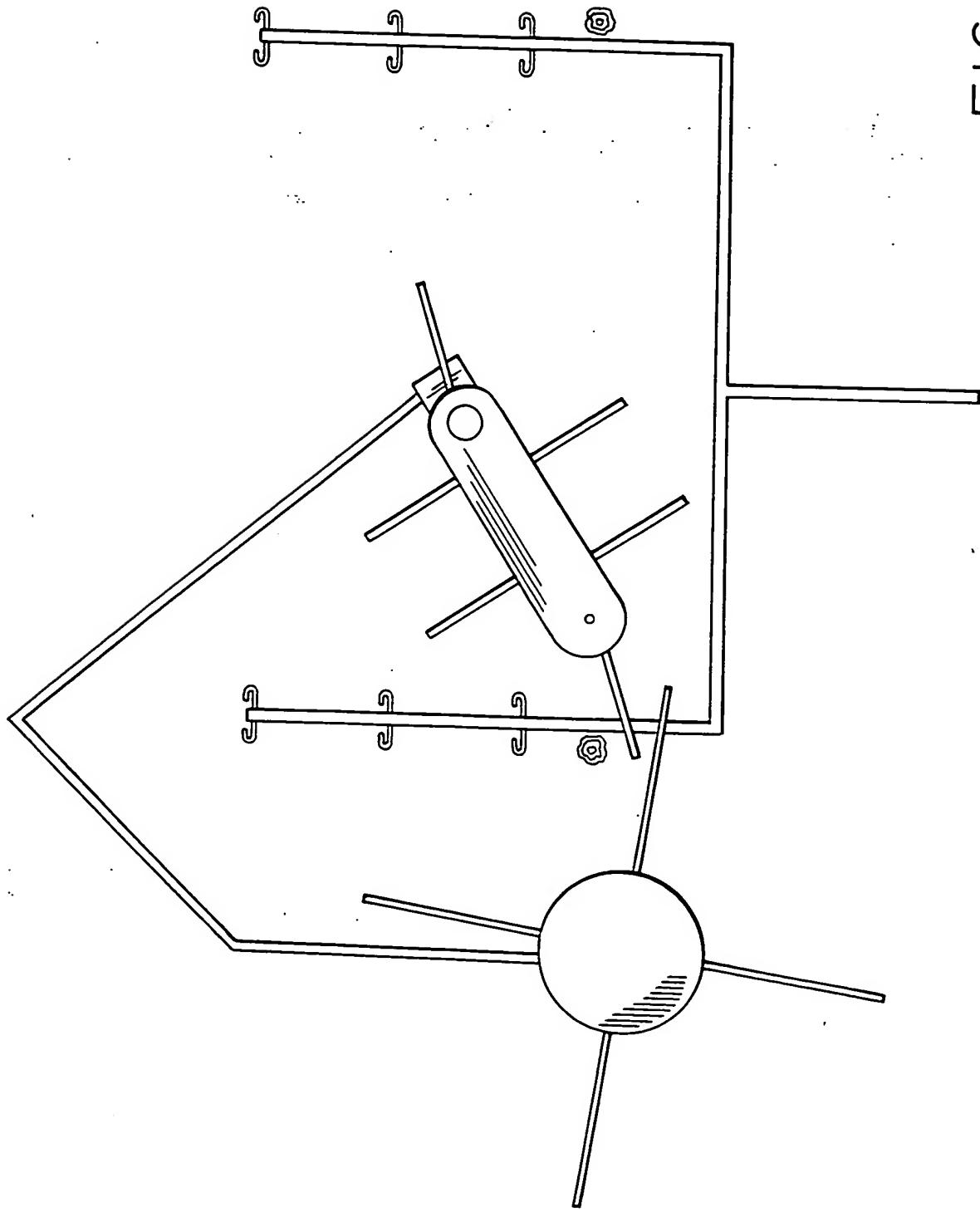


FIG. 32

FIG. 33



10044614 102204

+

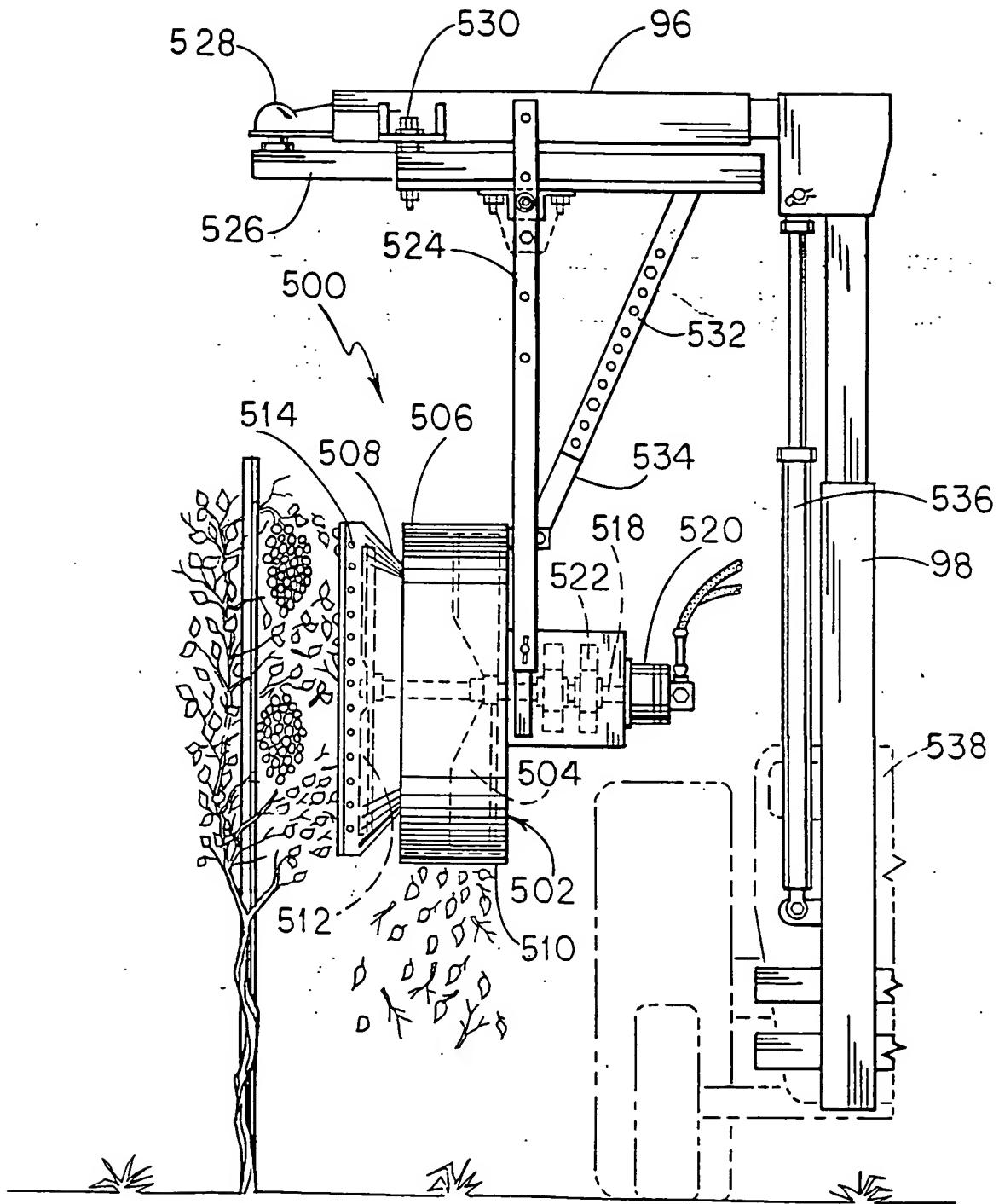


FIG. 34

10014314 10020

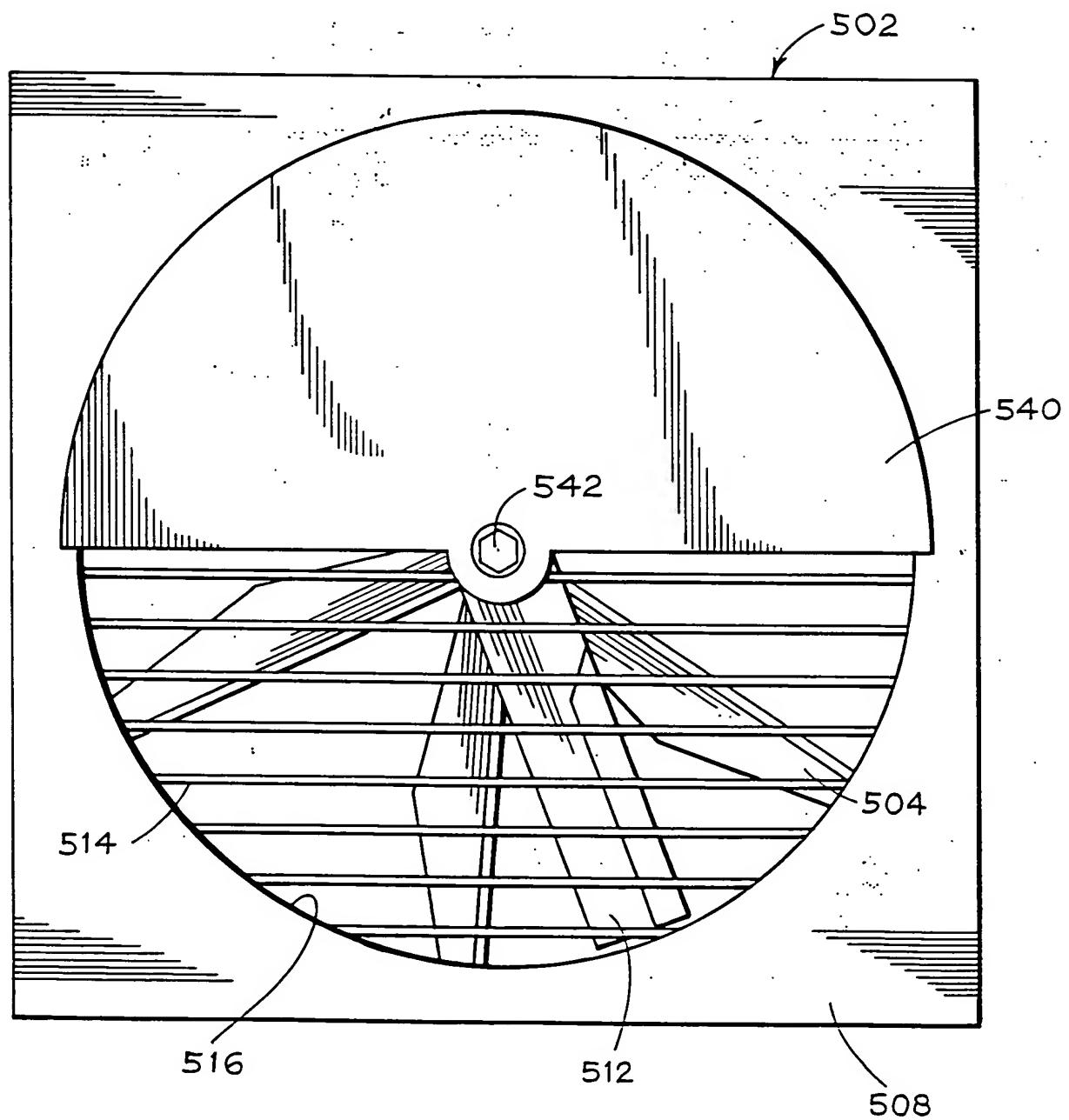


FIG. 35

102007445944-102201

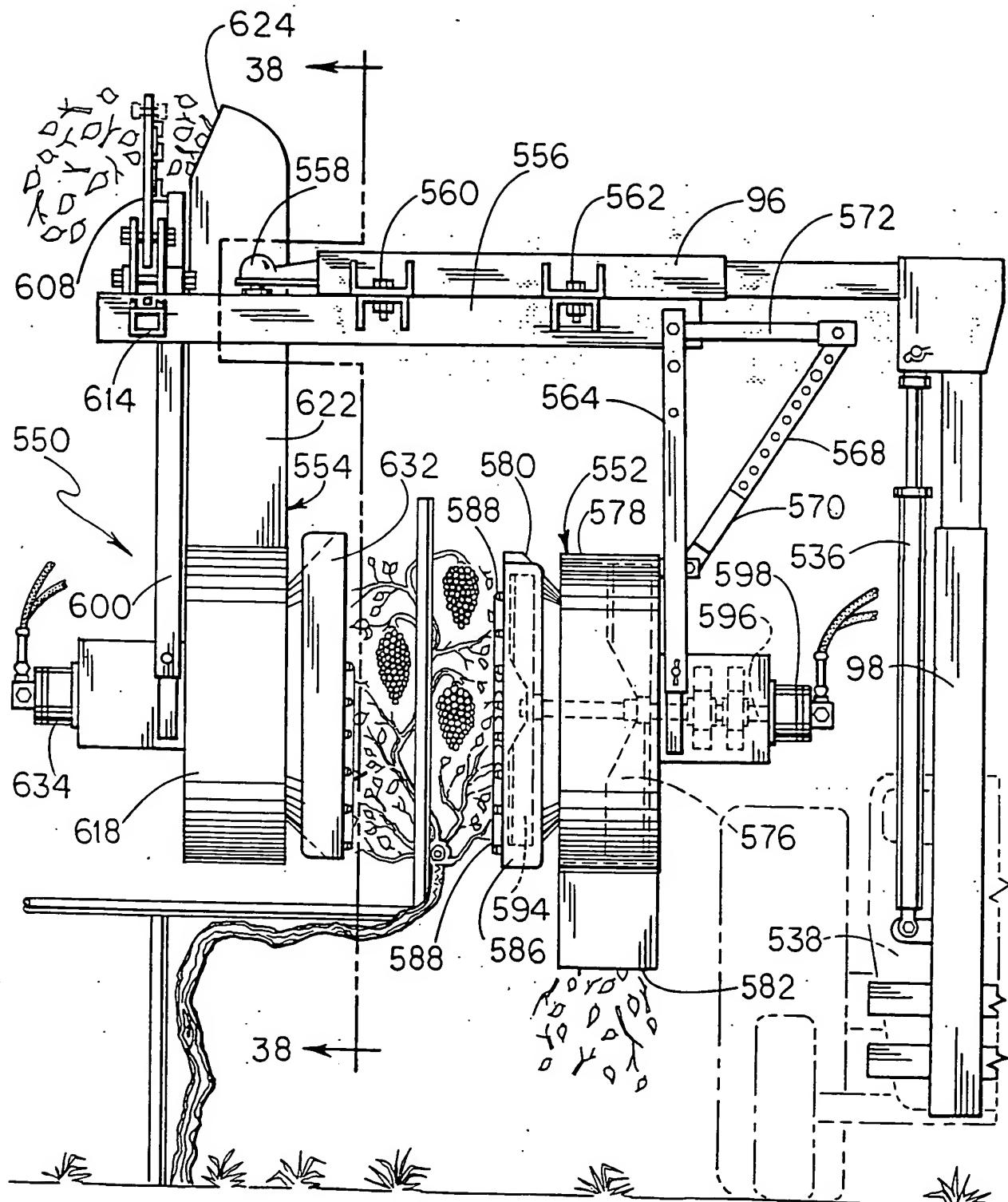
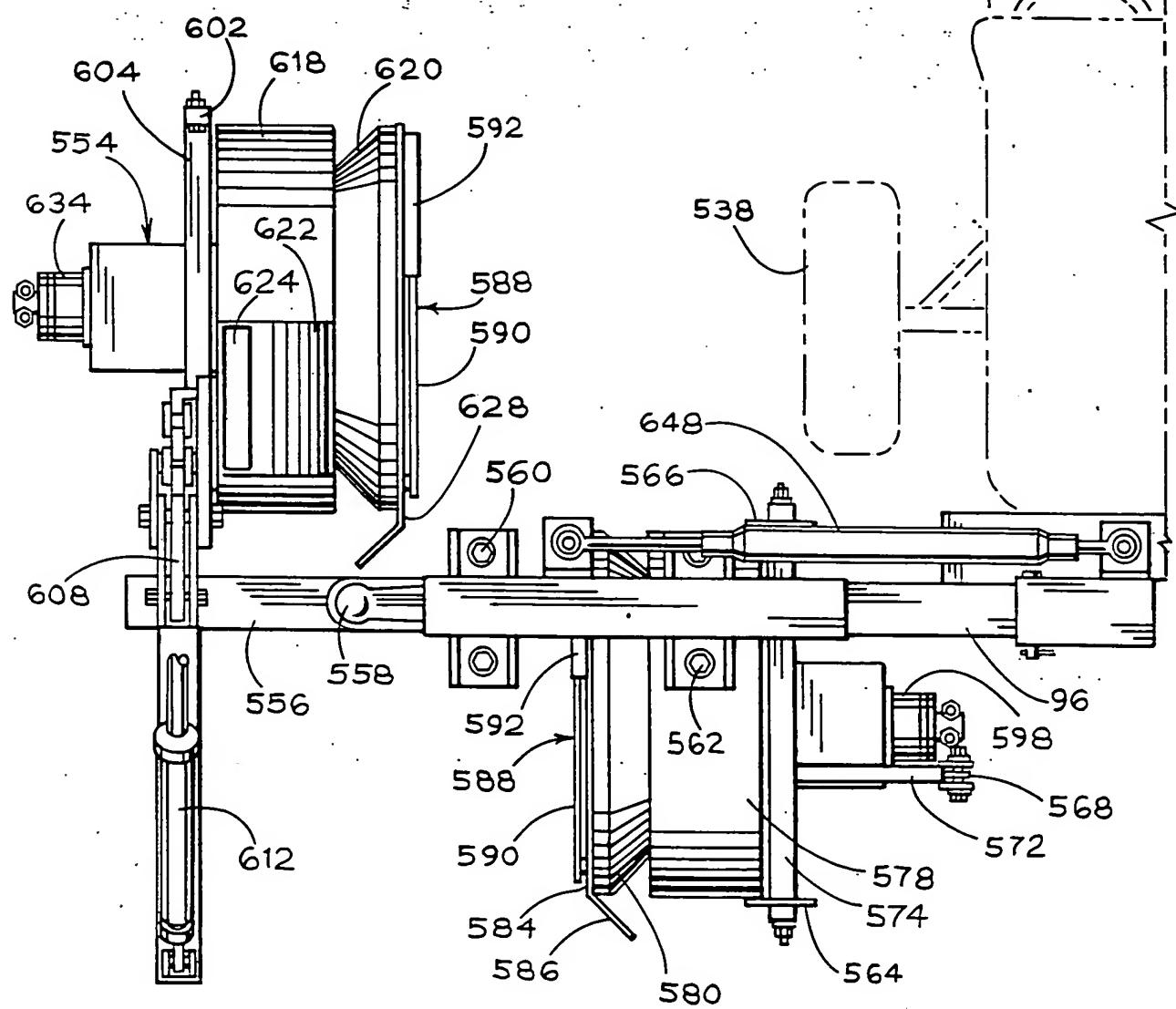


FIG. 36

FIG. 37



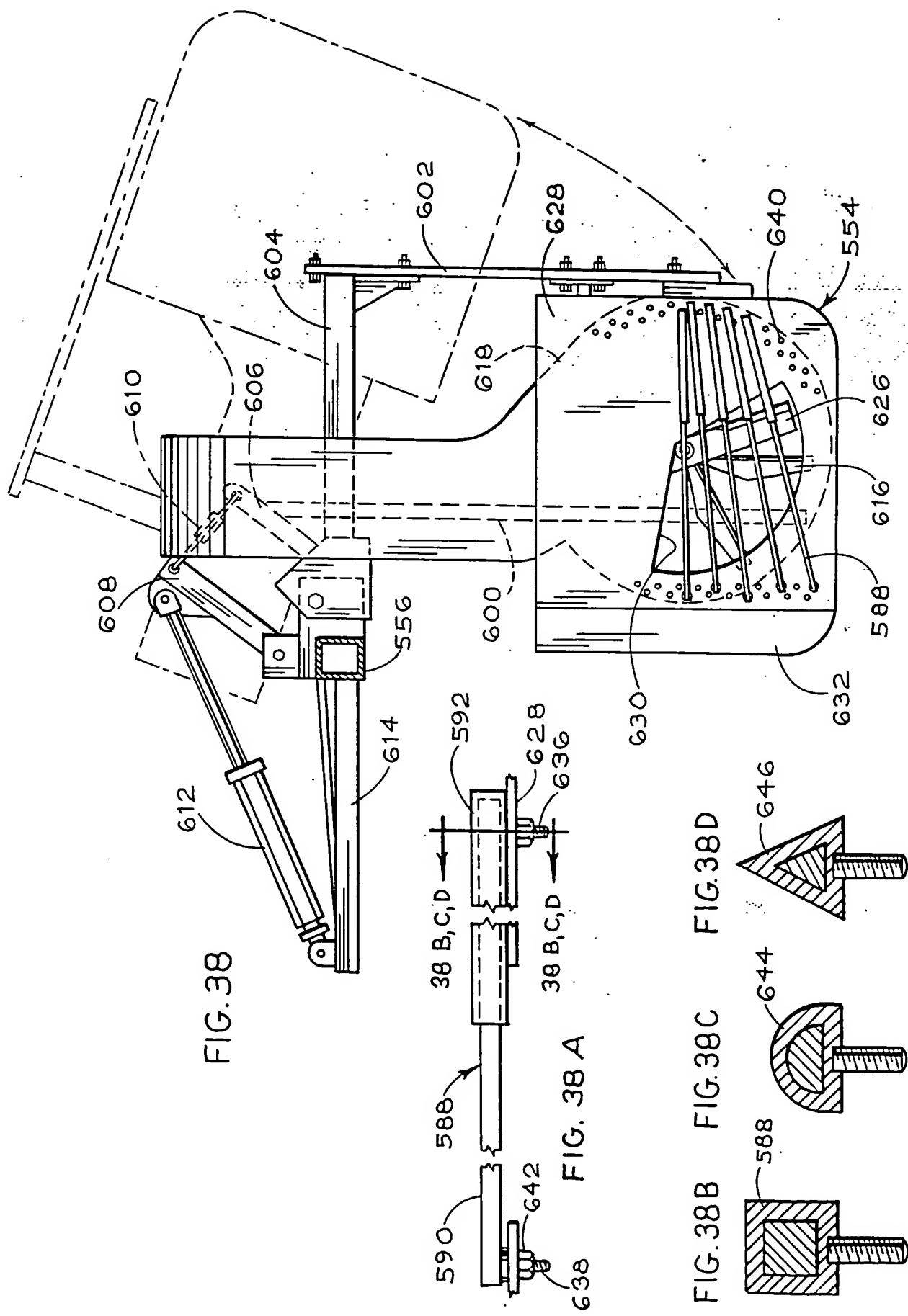
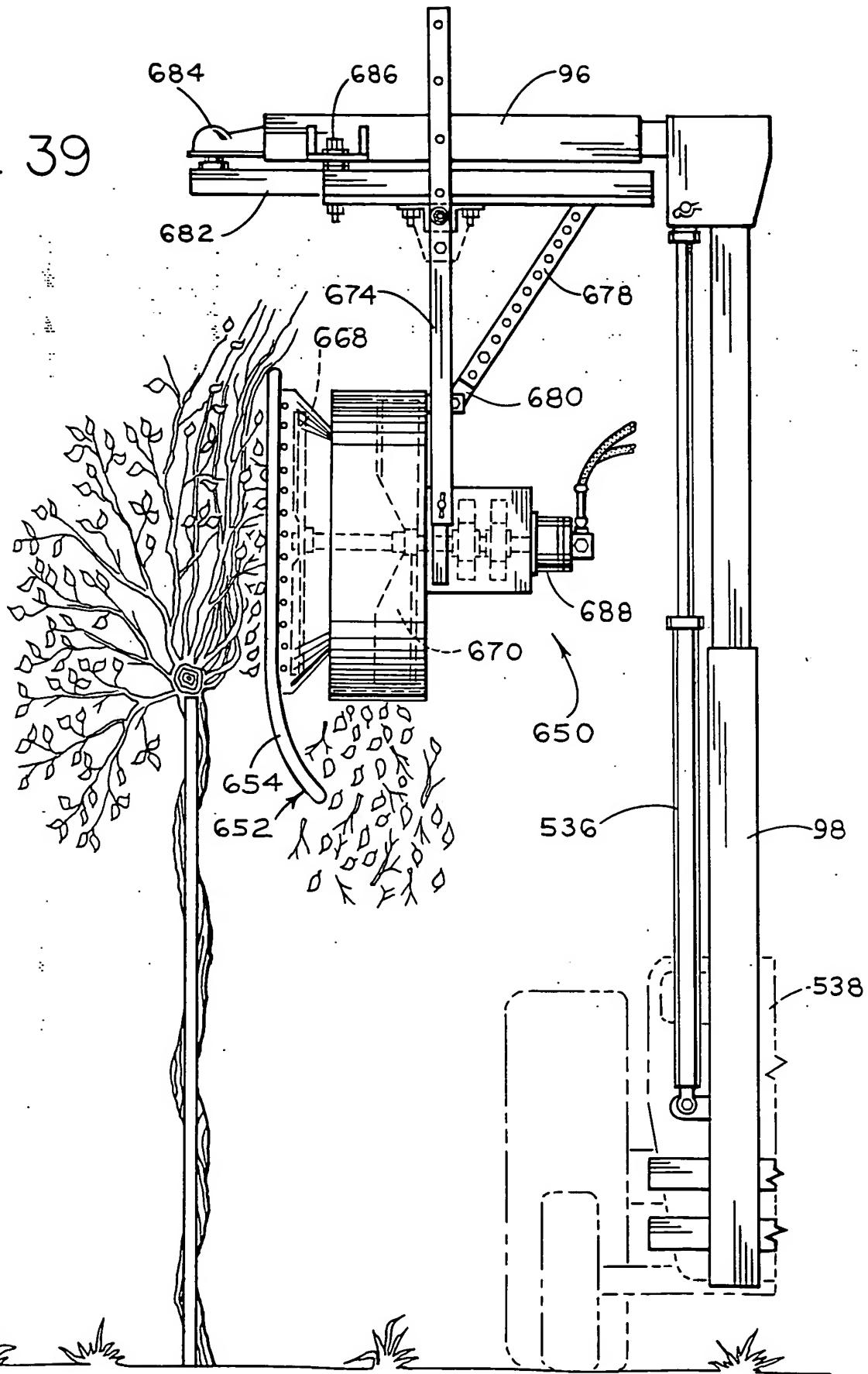


FIG. 39



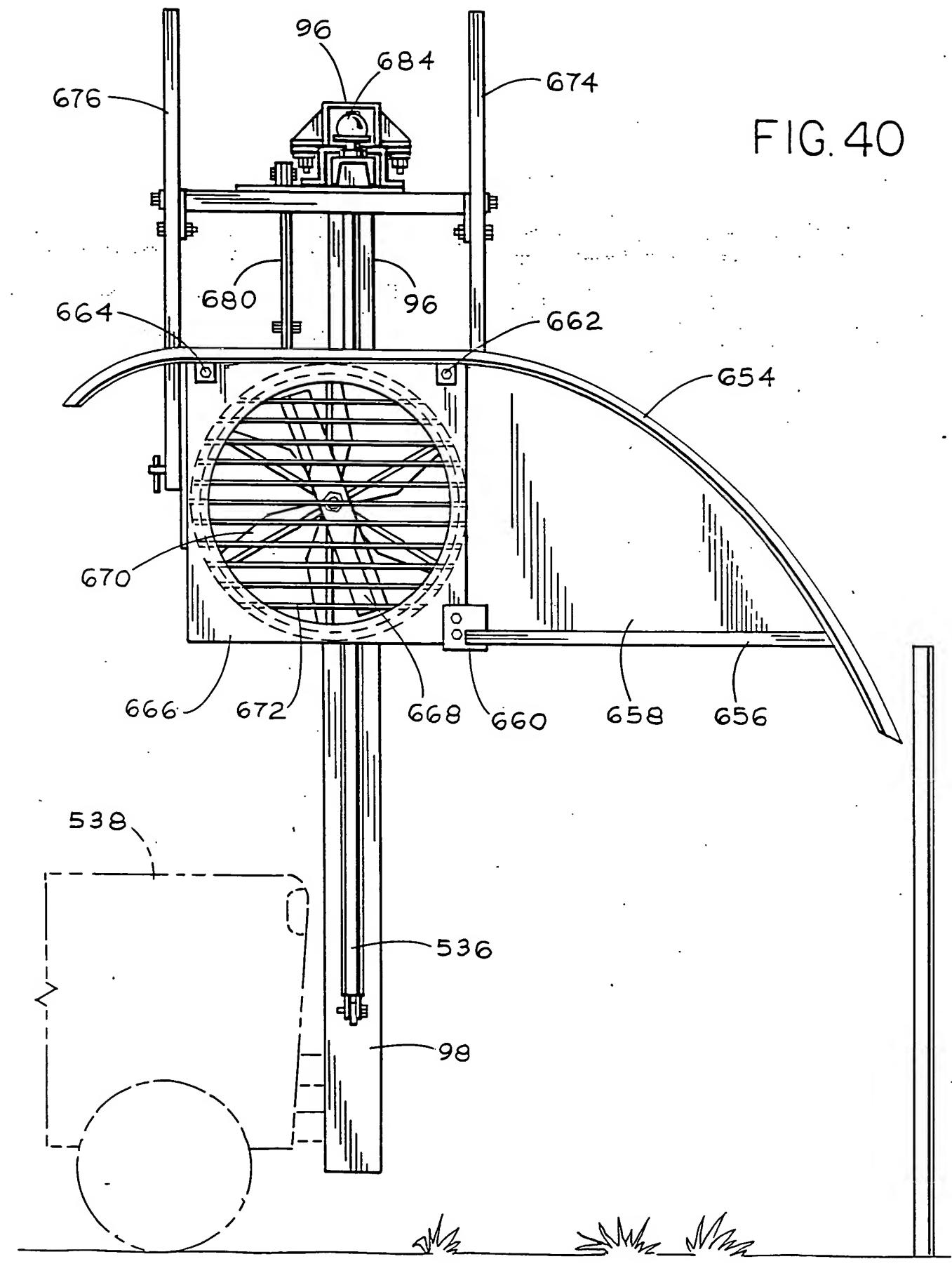
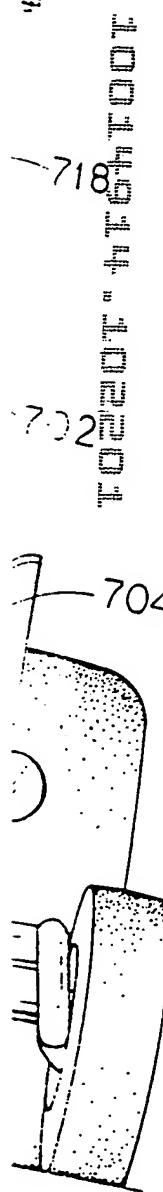
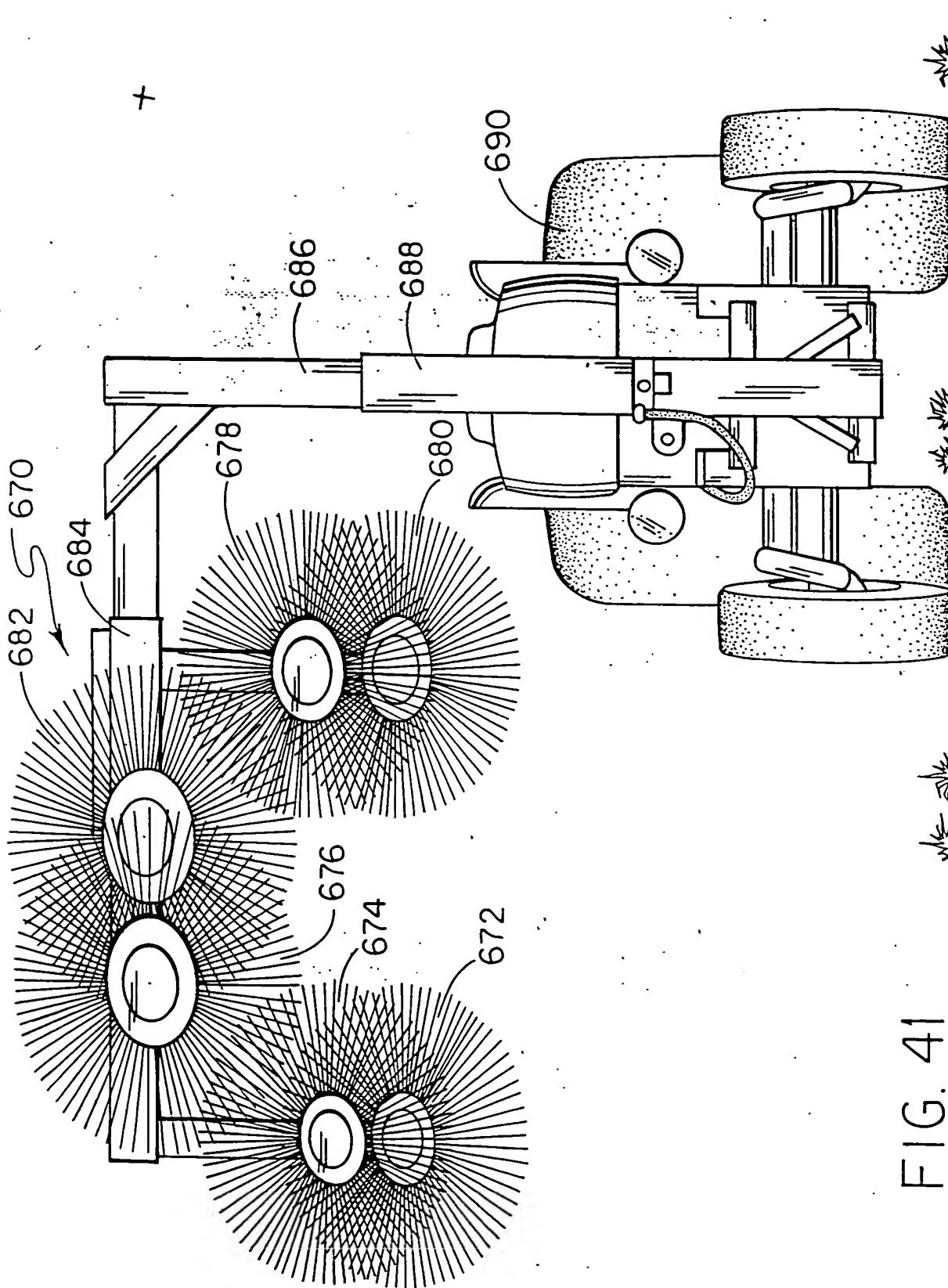


FIG. 41



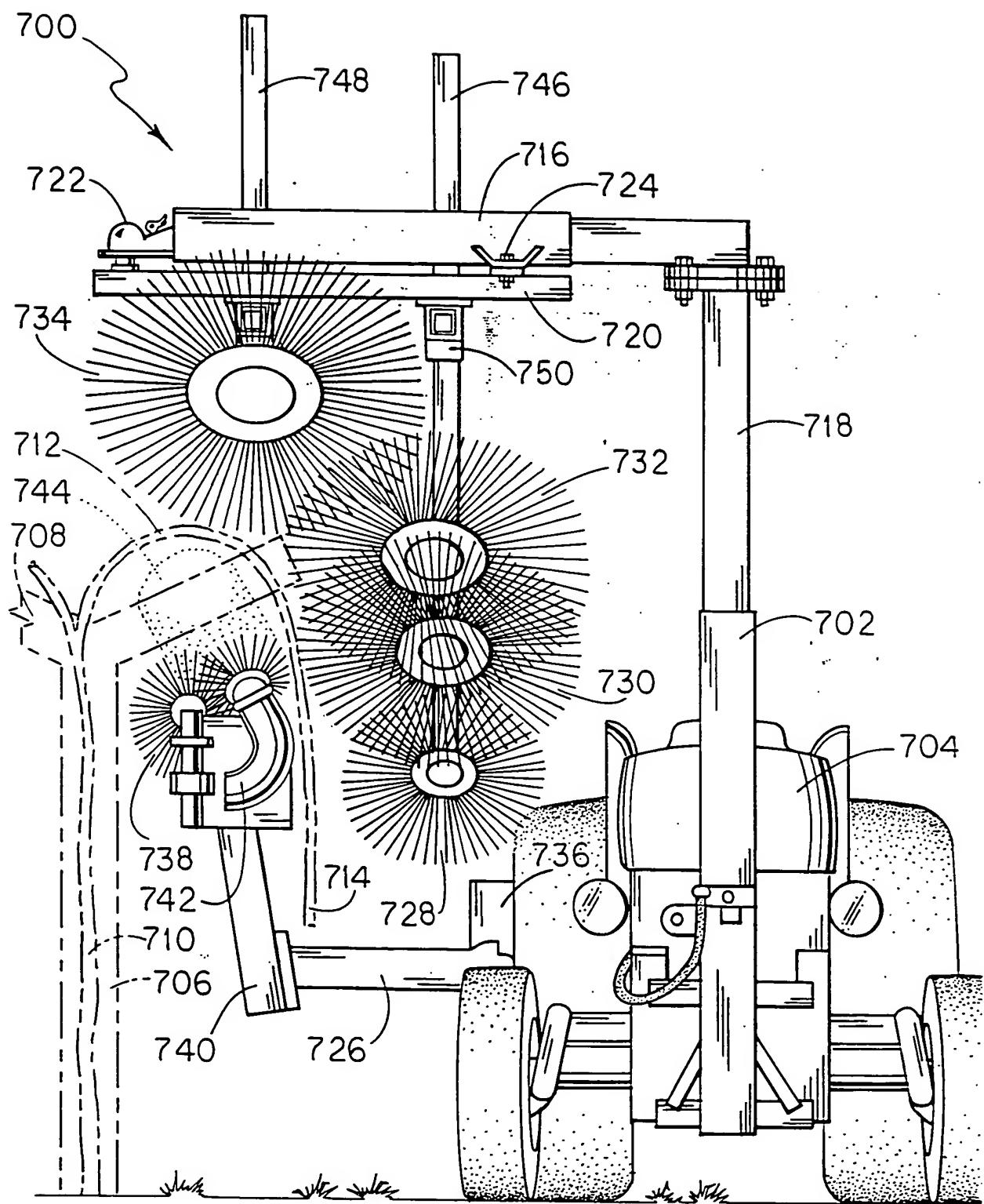


FIG. 42

100244514 102201

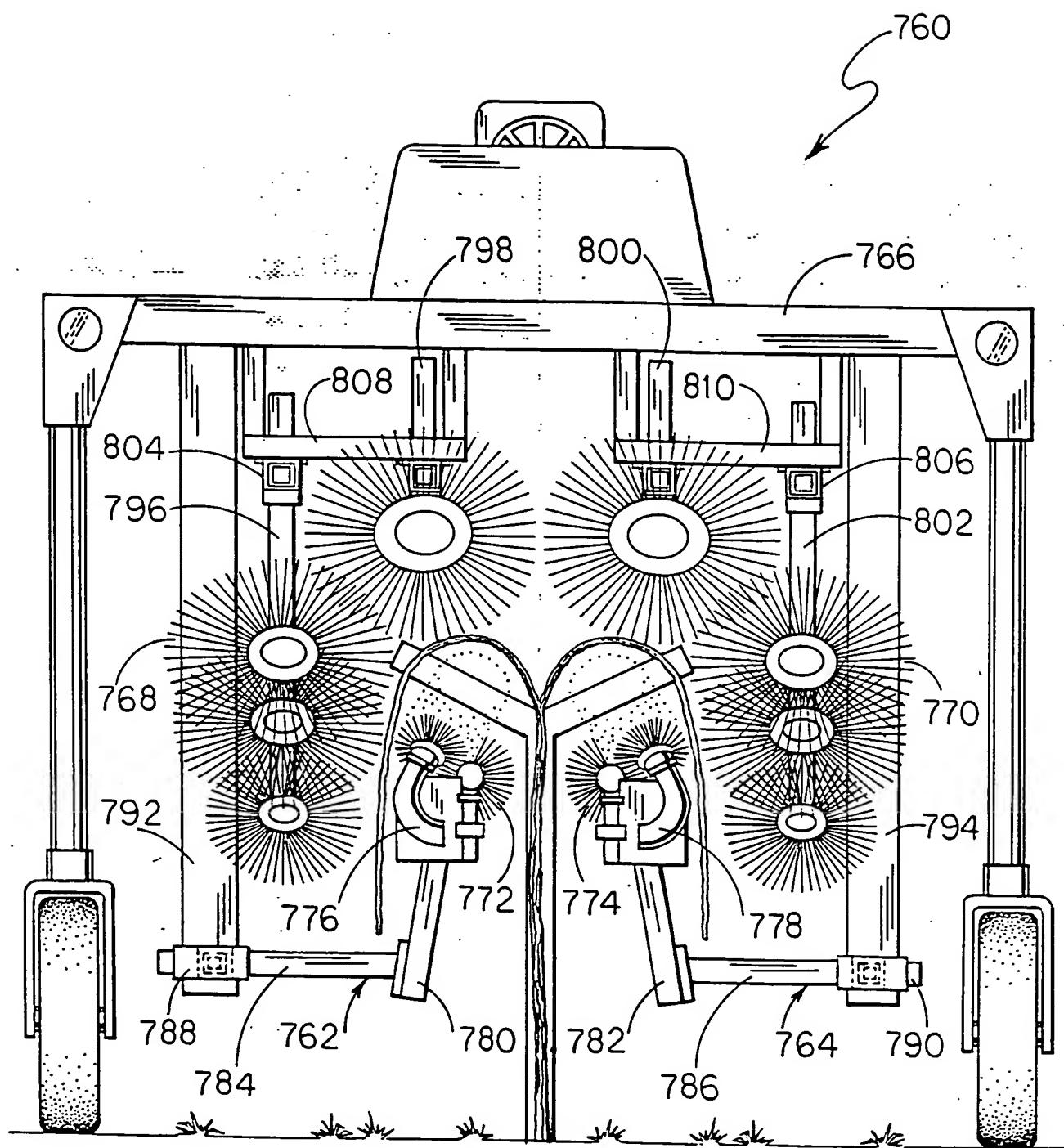


FIG. 42A

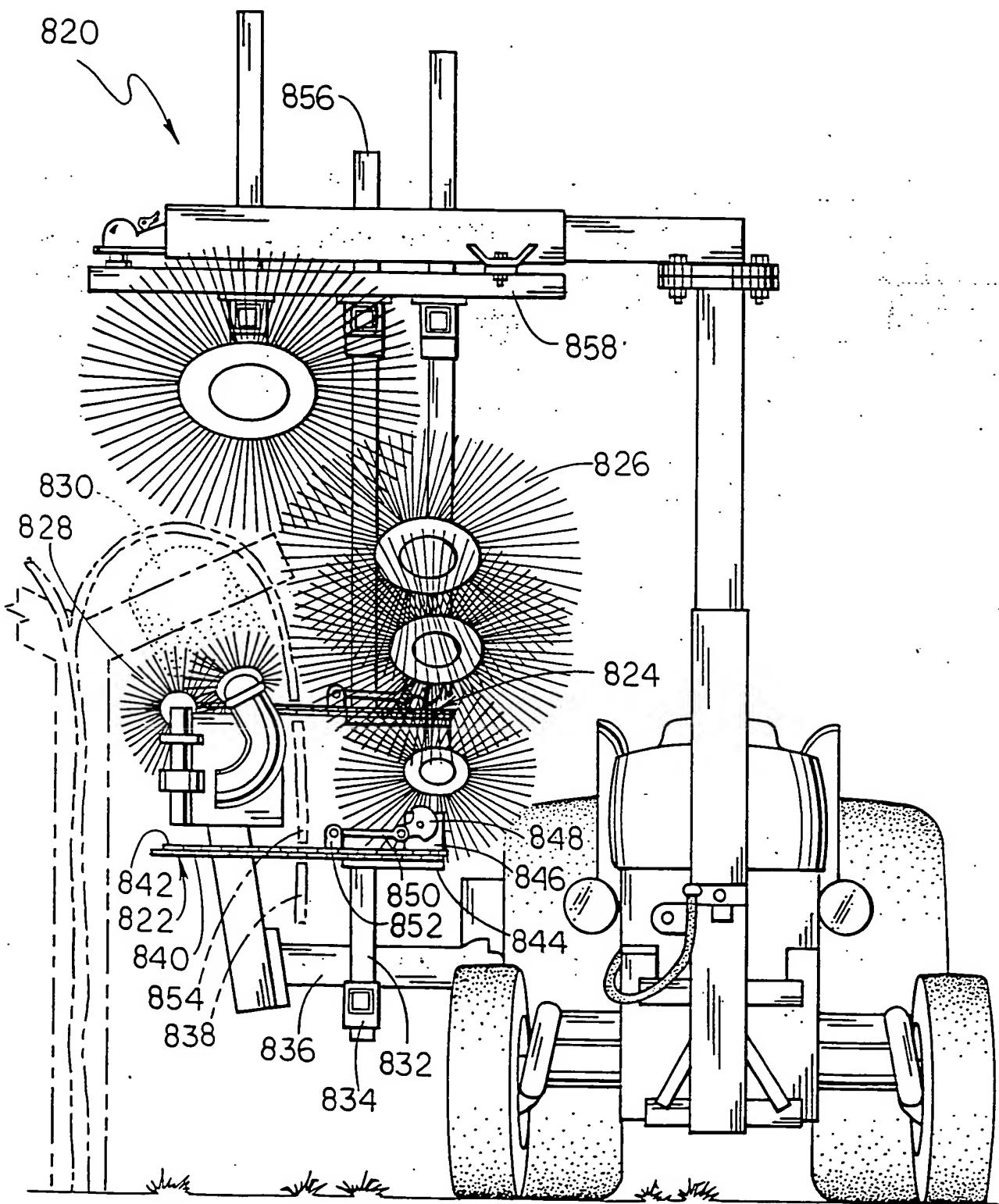


FIG. 43

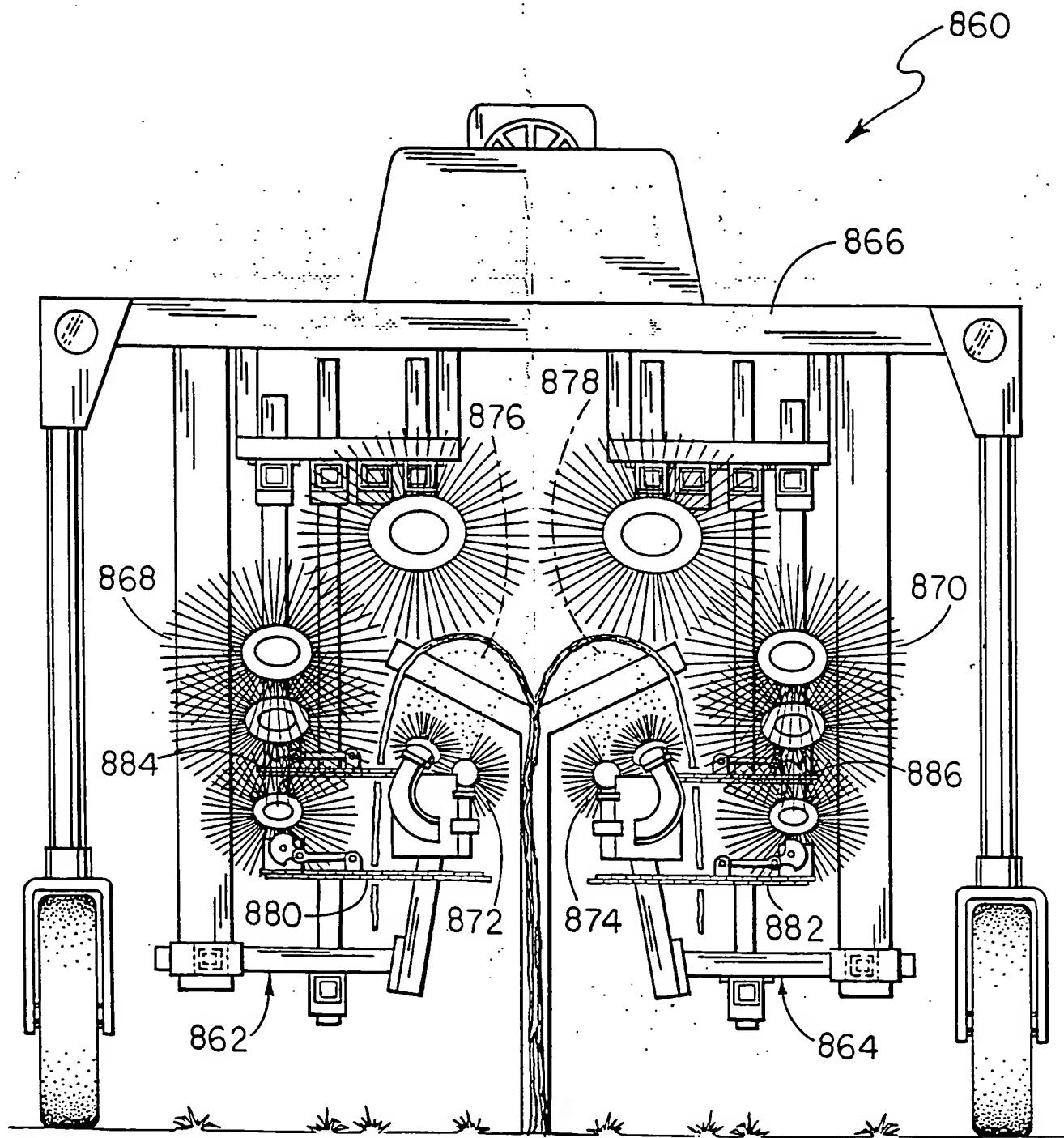


FIG. 43A

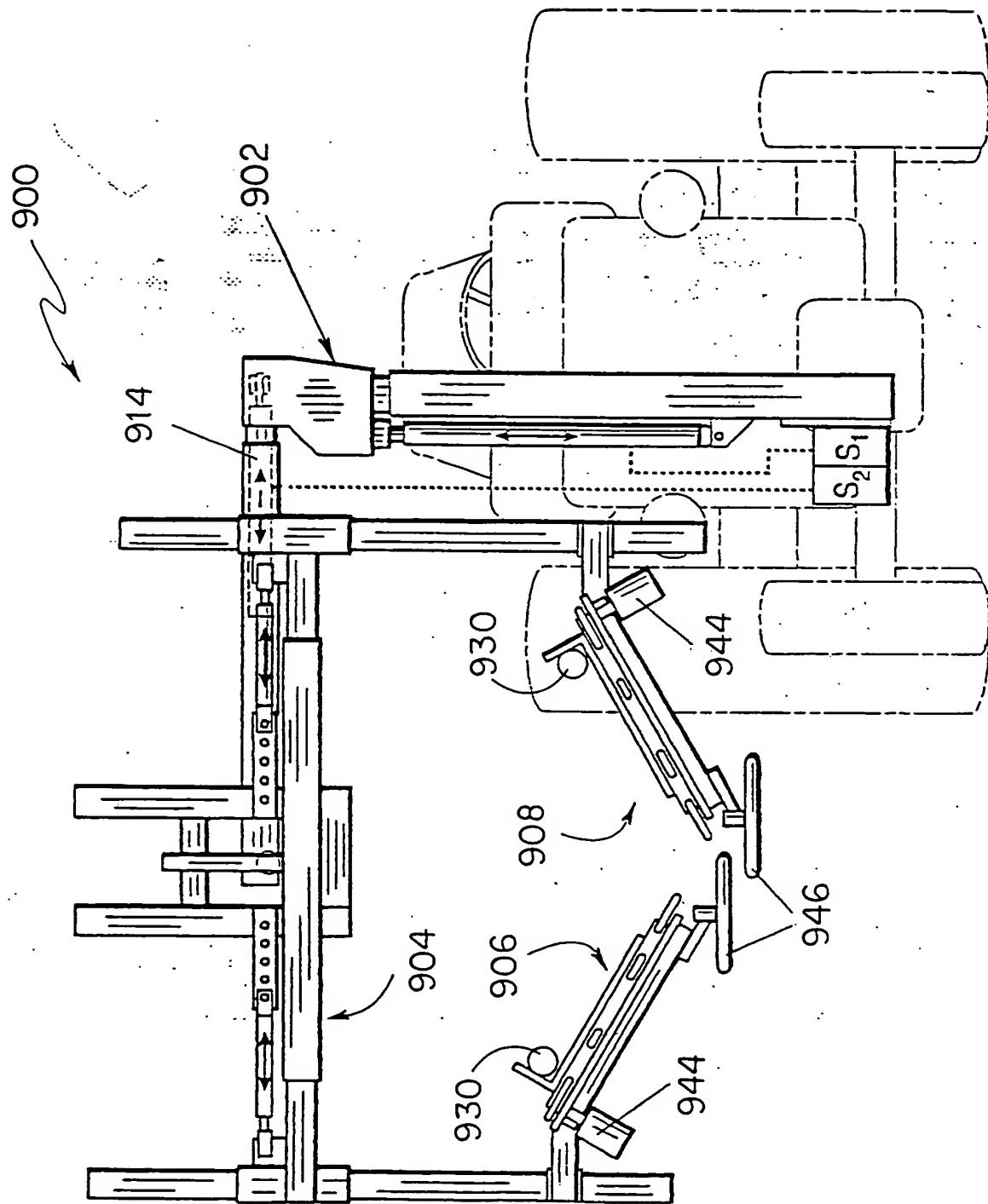
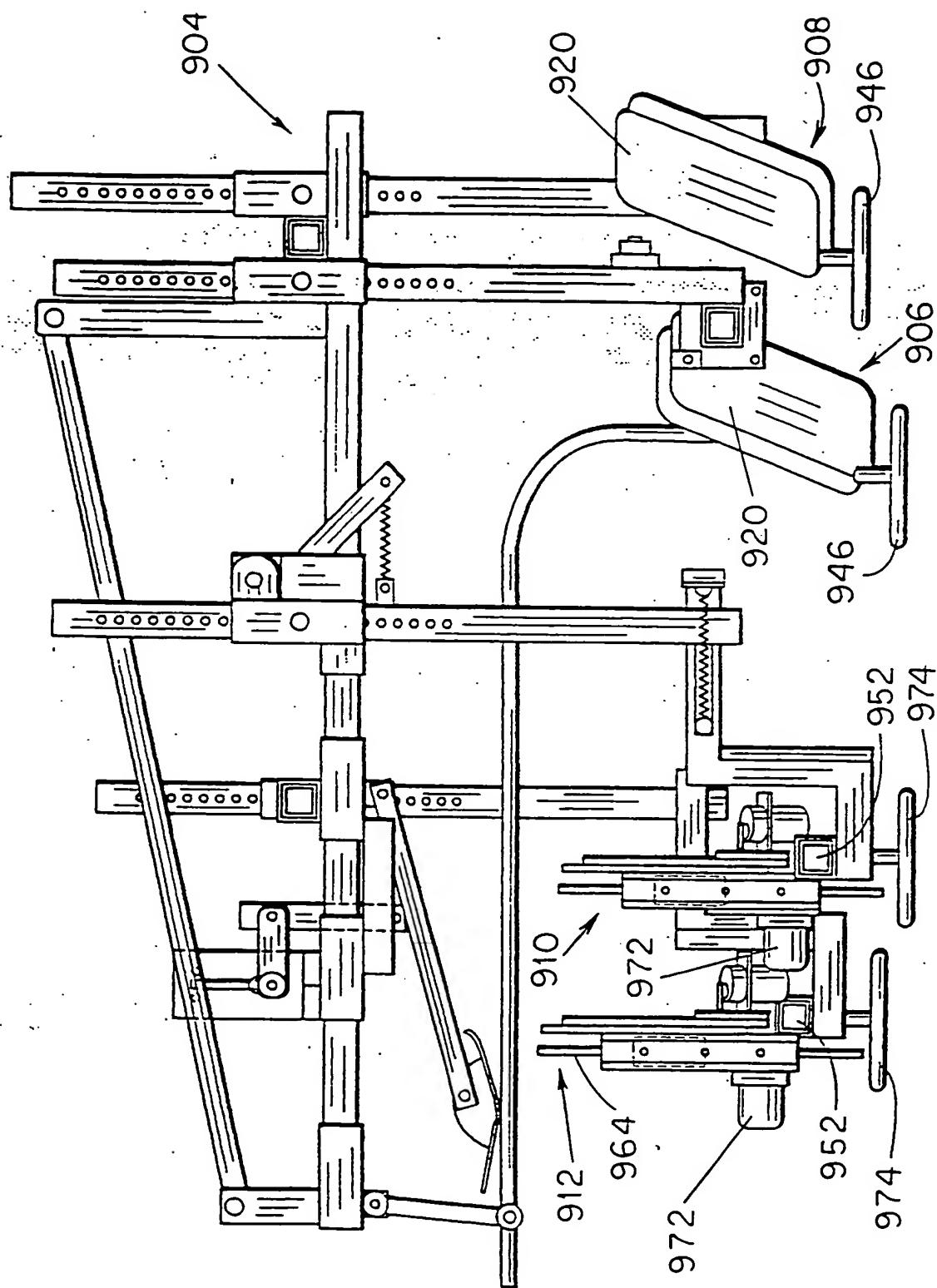


FIG. 44

FIG. 45



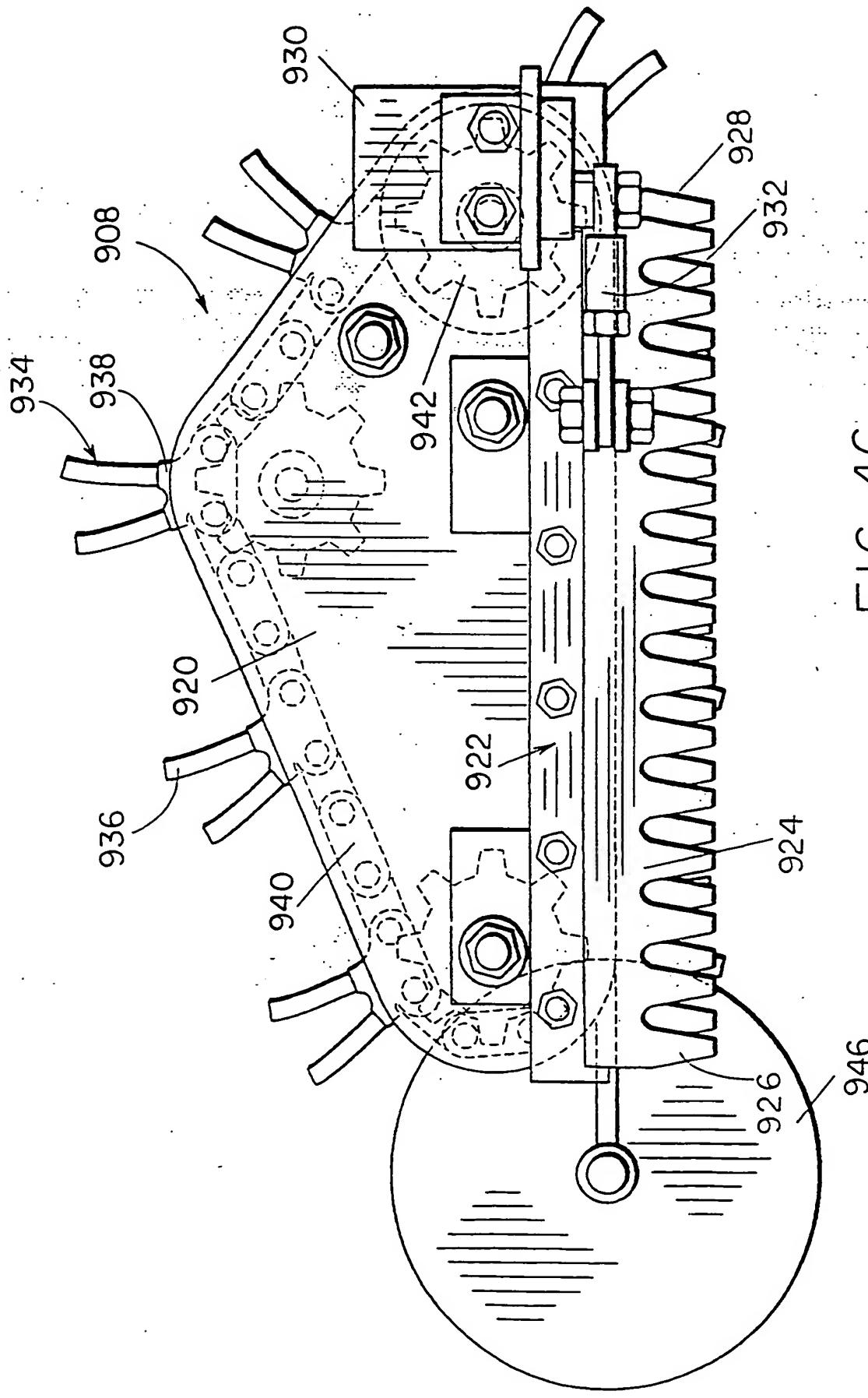


FIG. 46

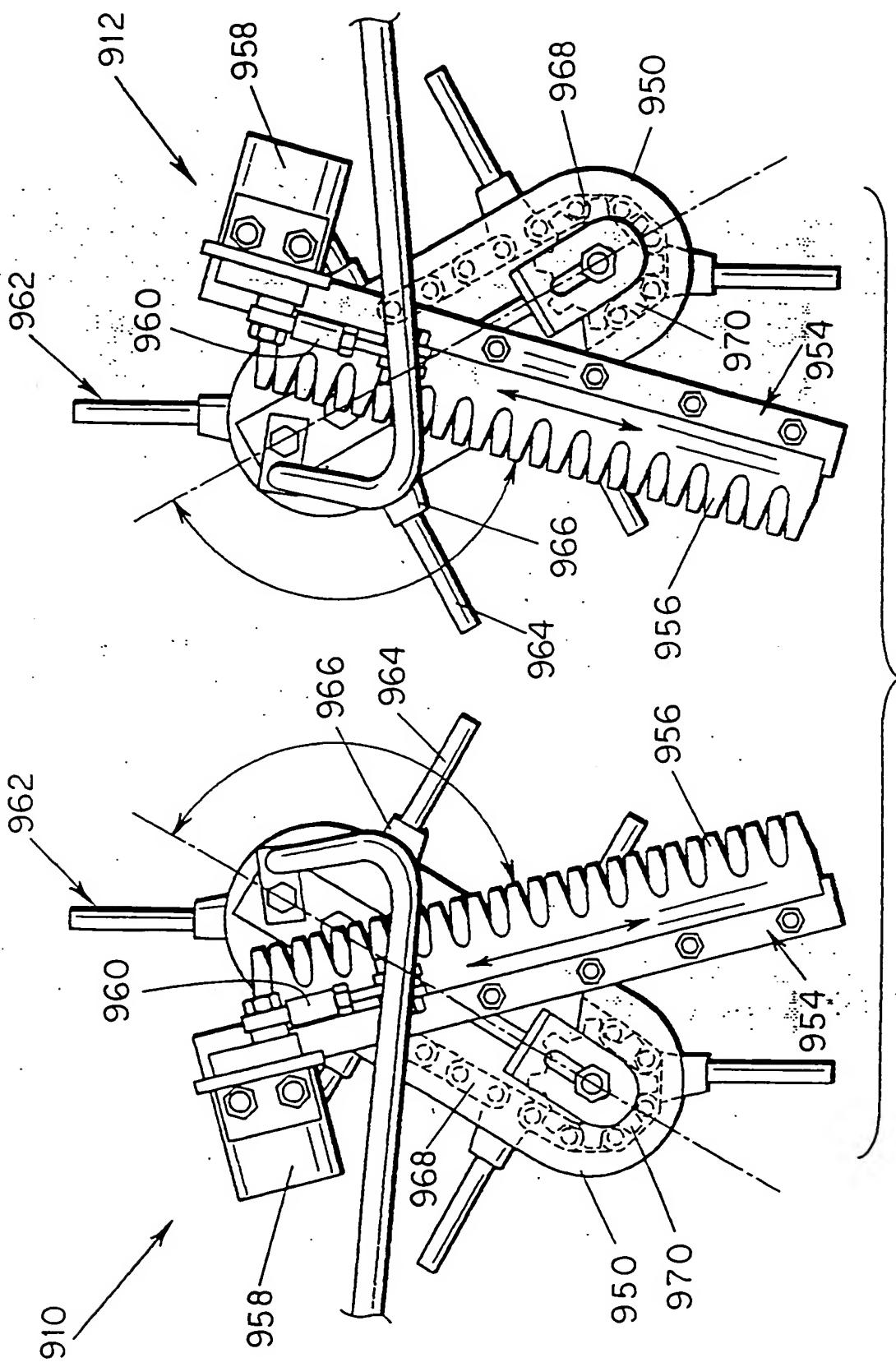


FIG. 47

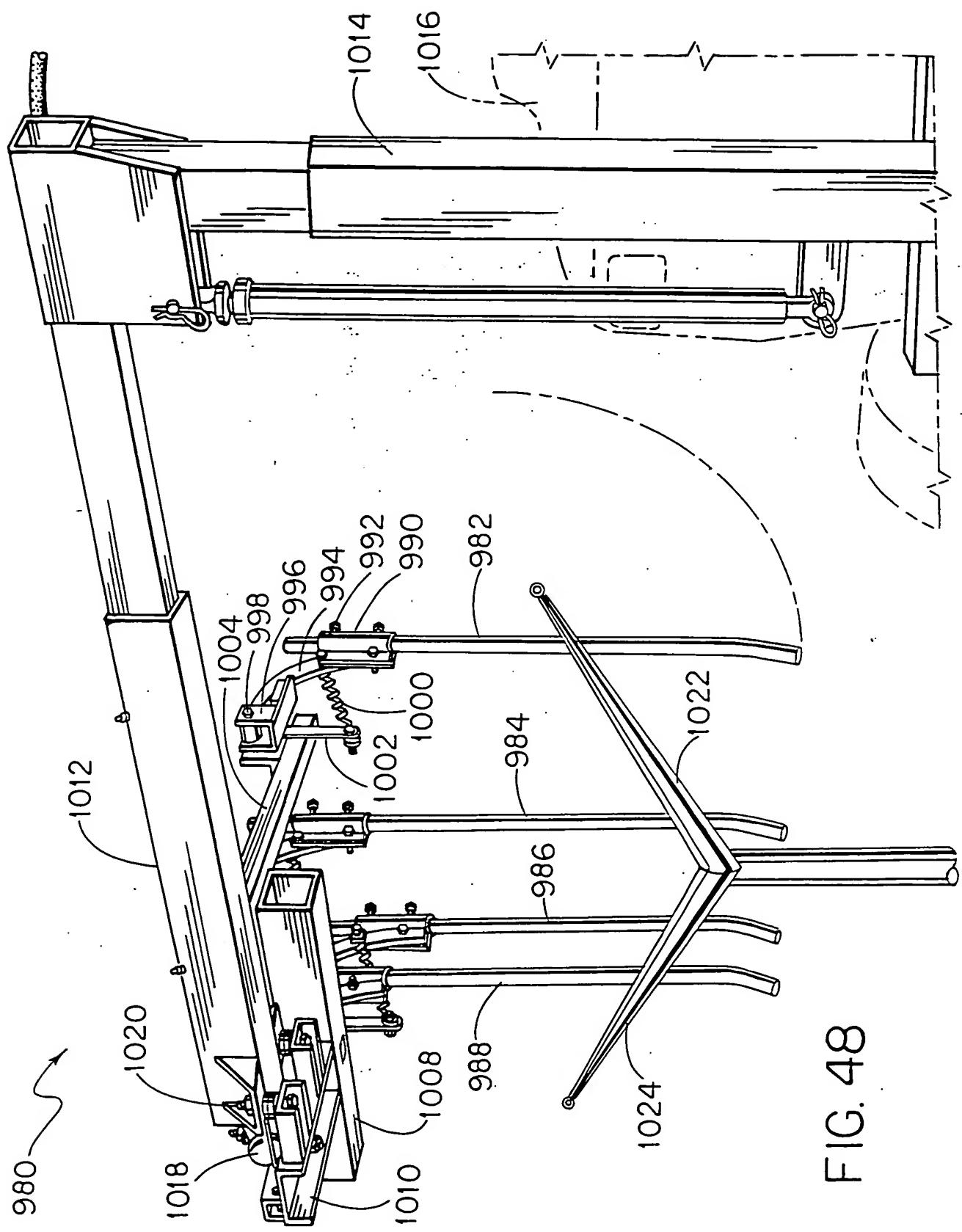


FIG. 48

1004-1026 1006-1022

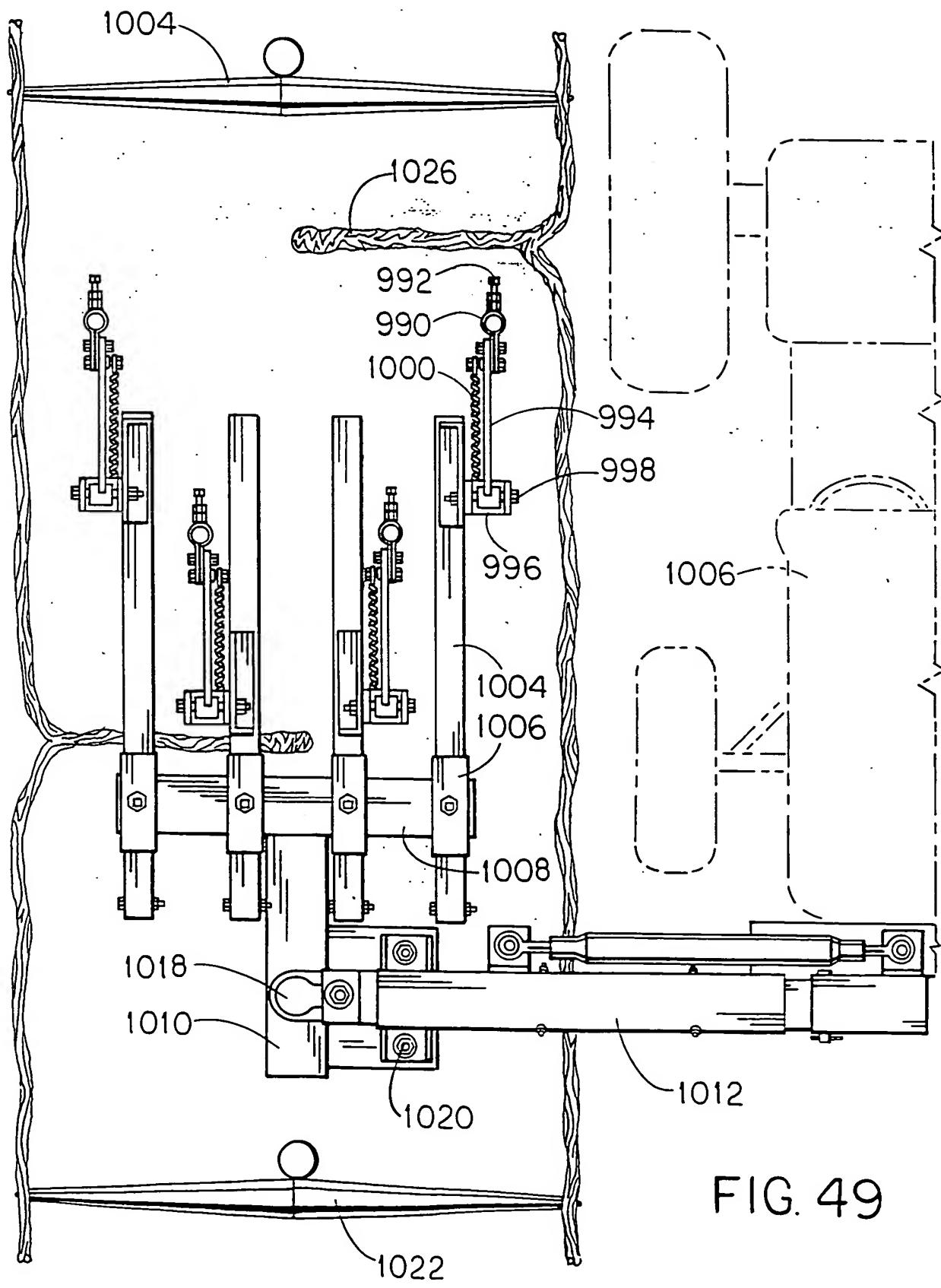


FIG. 49

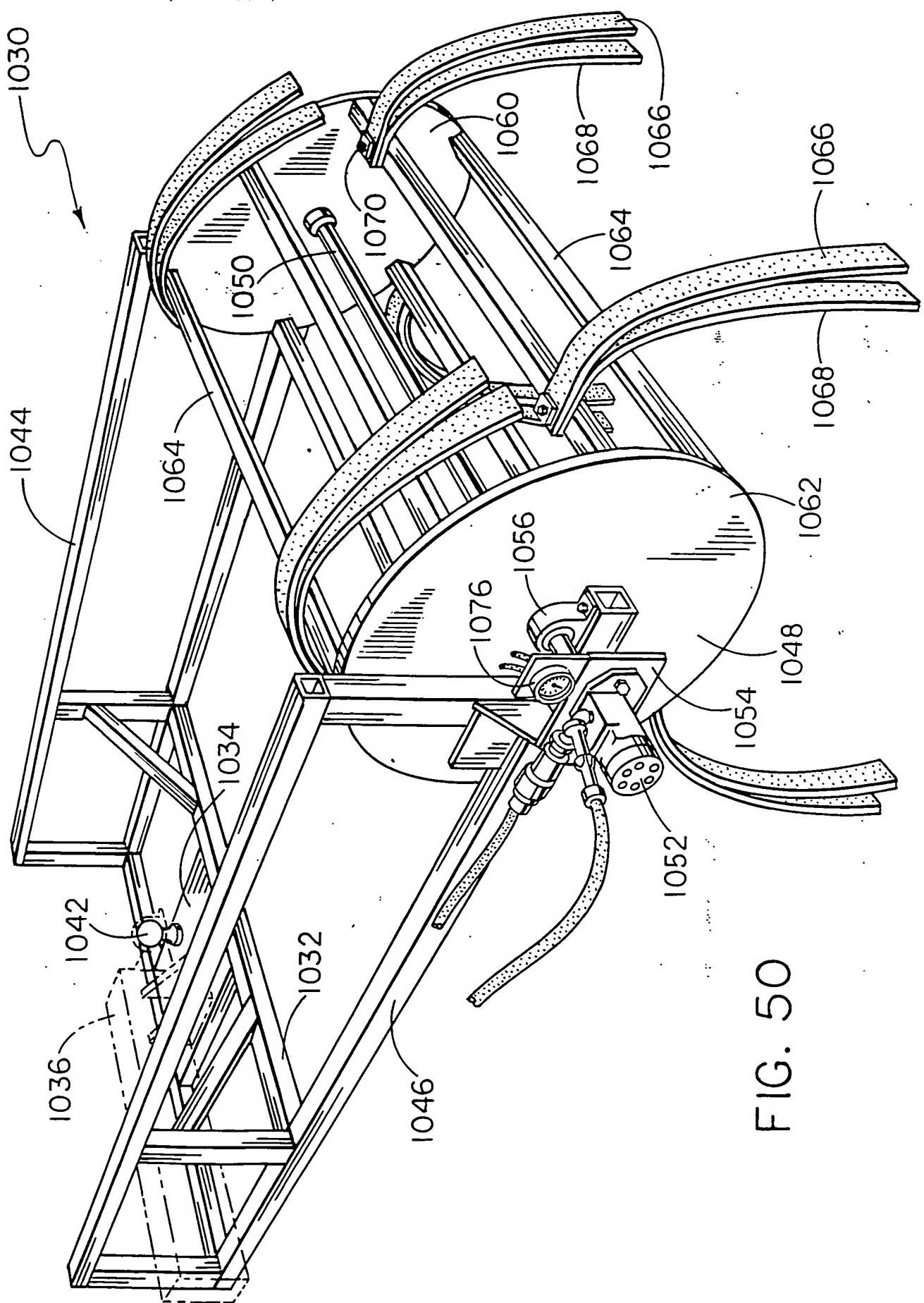


FIG. 50

FIG. 51

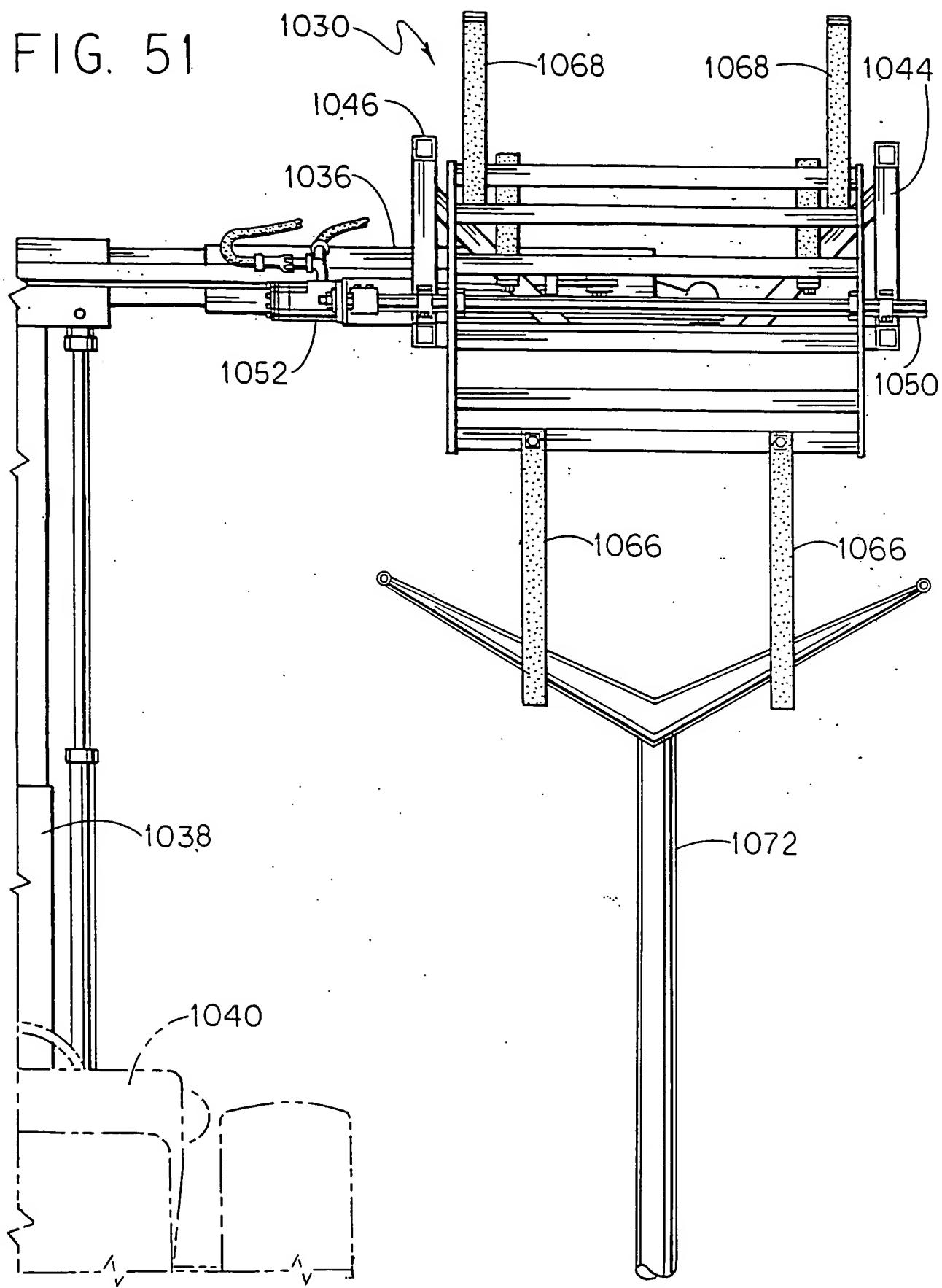
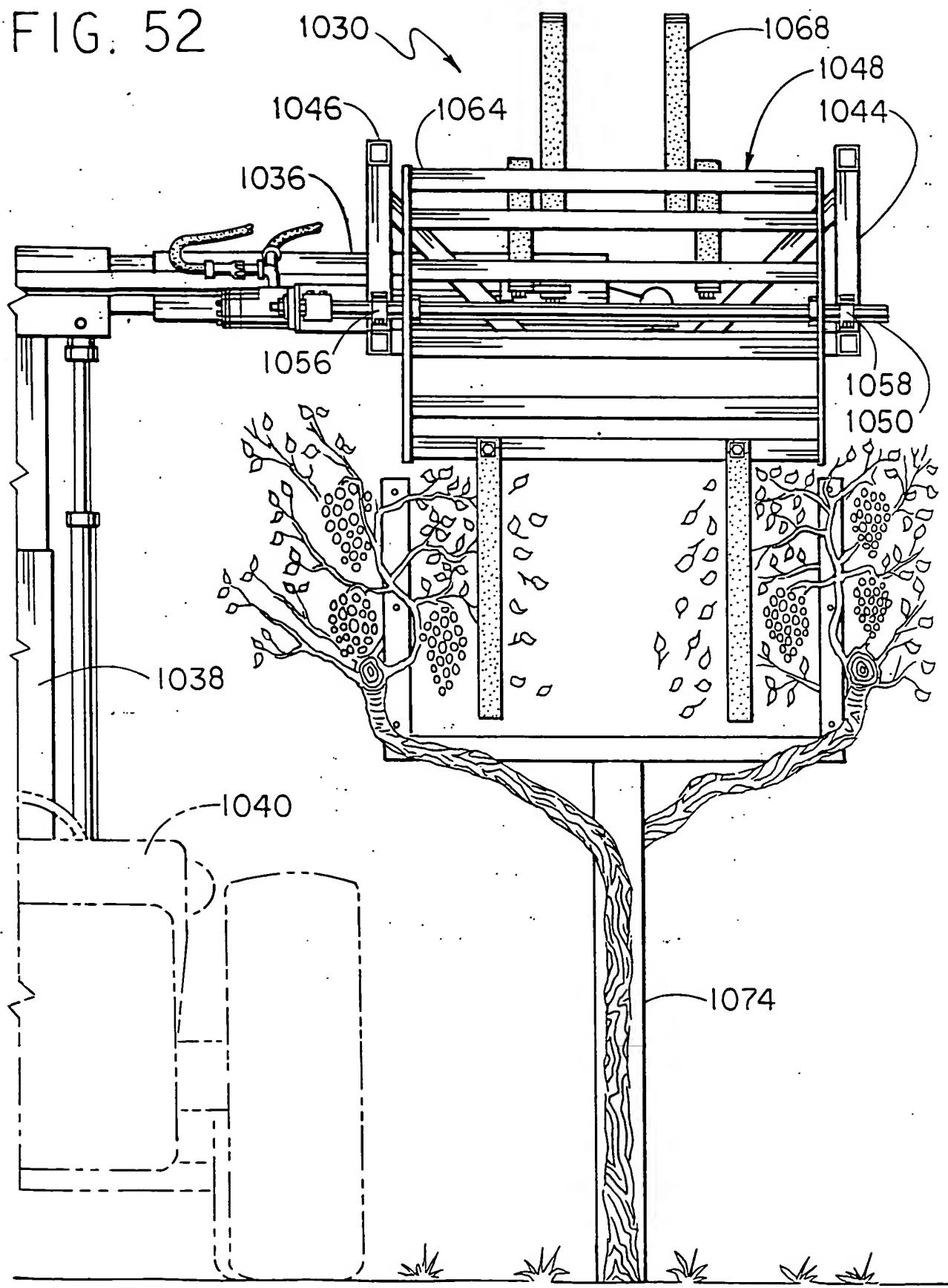


FIG. 52



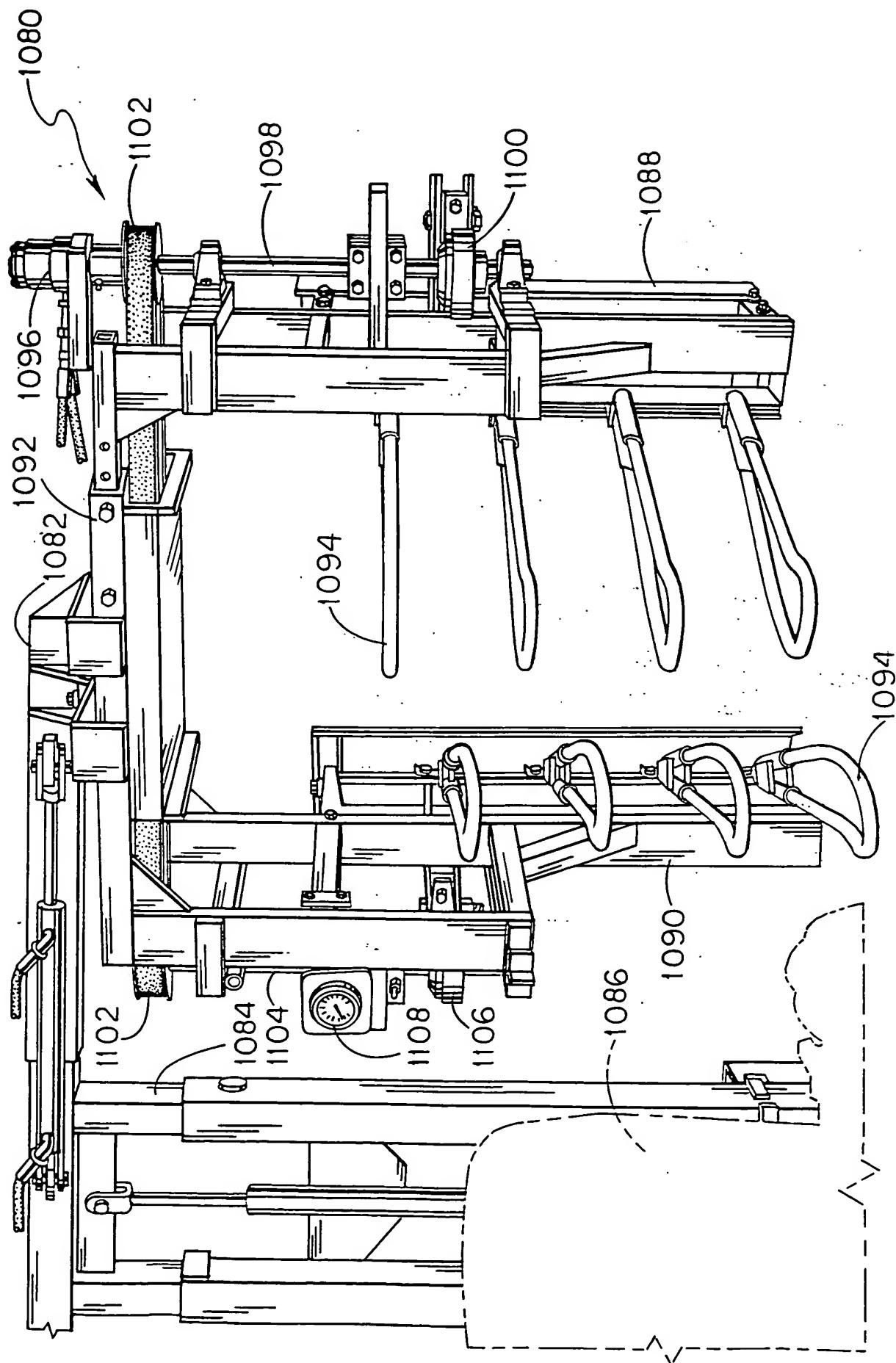


FIG. 53.

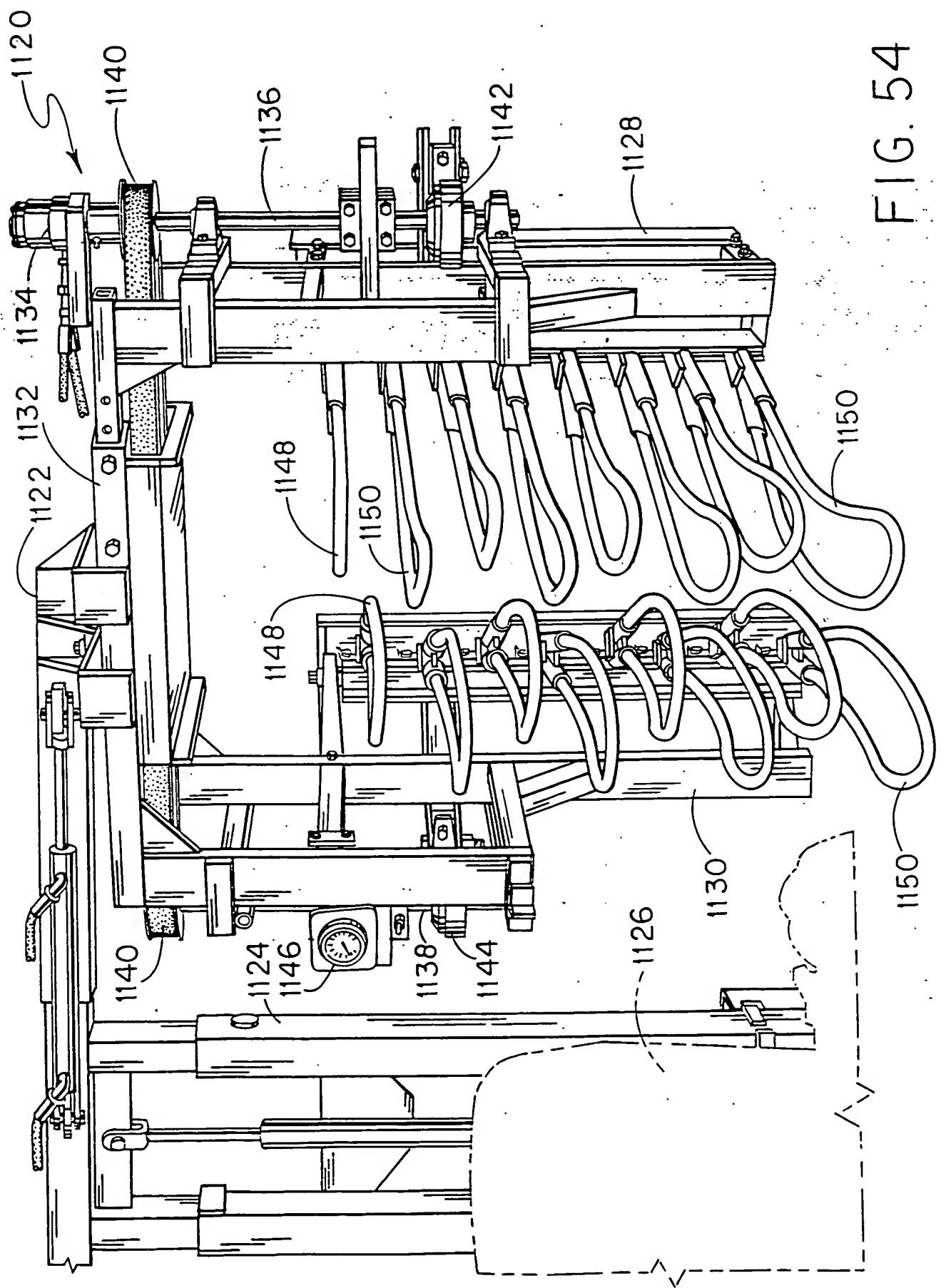


FIG. 54

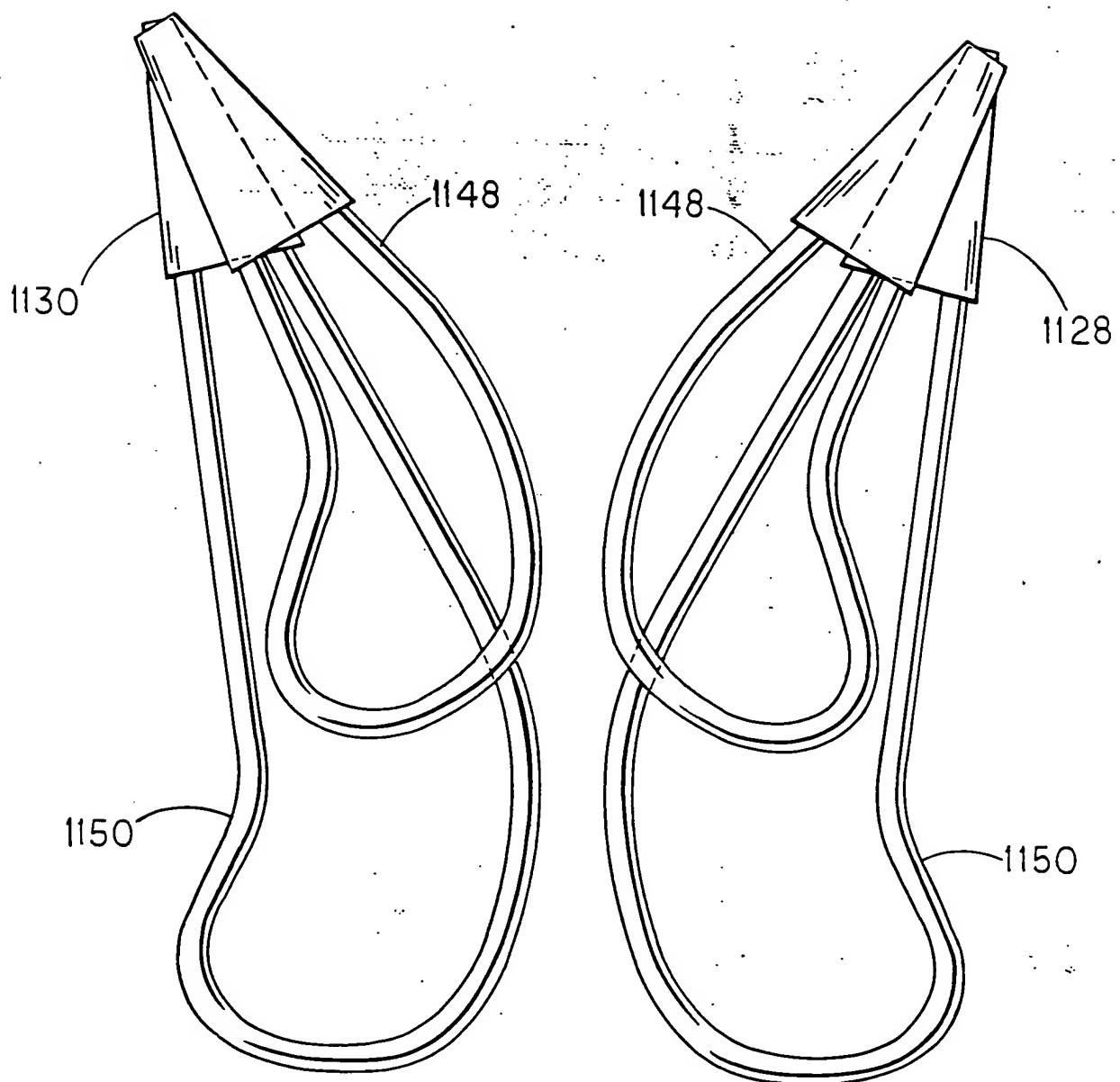
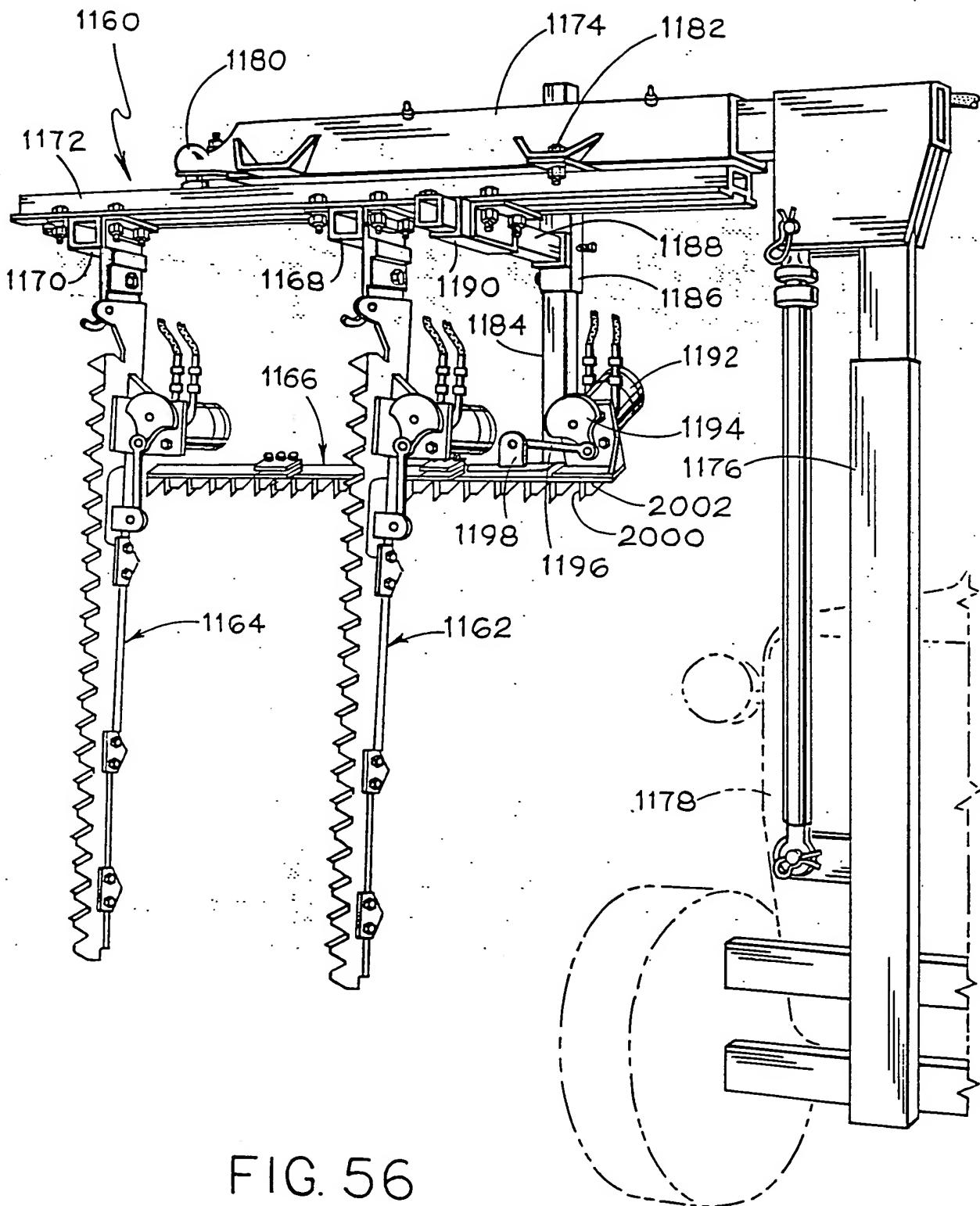


FIG. 55

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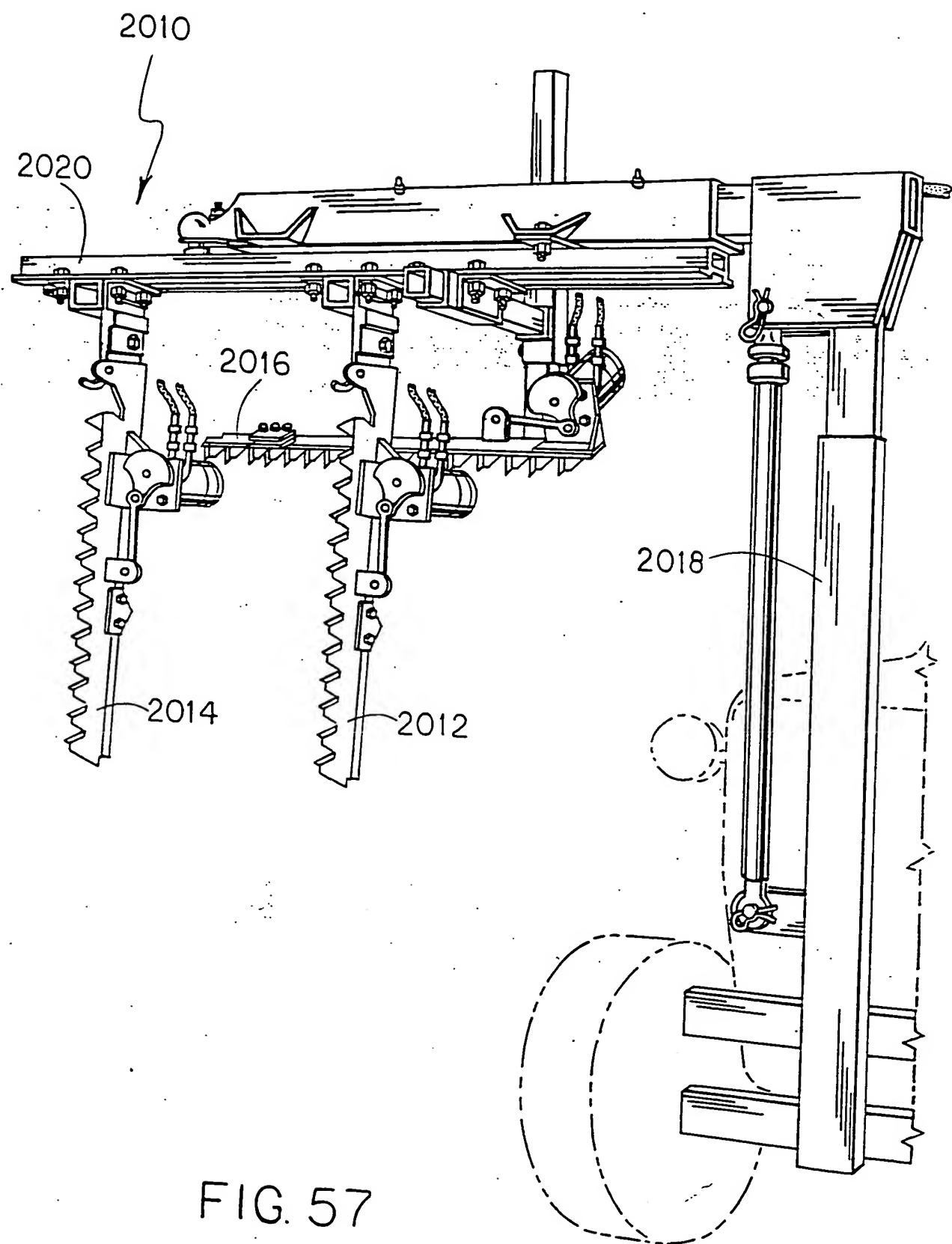


FIG. 57

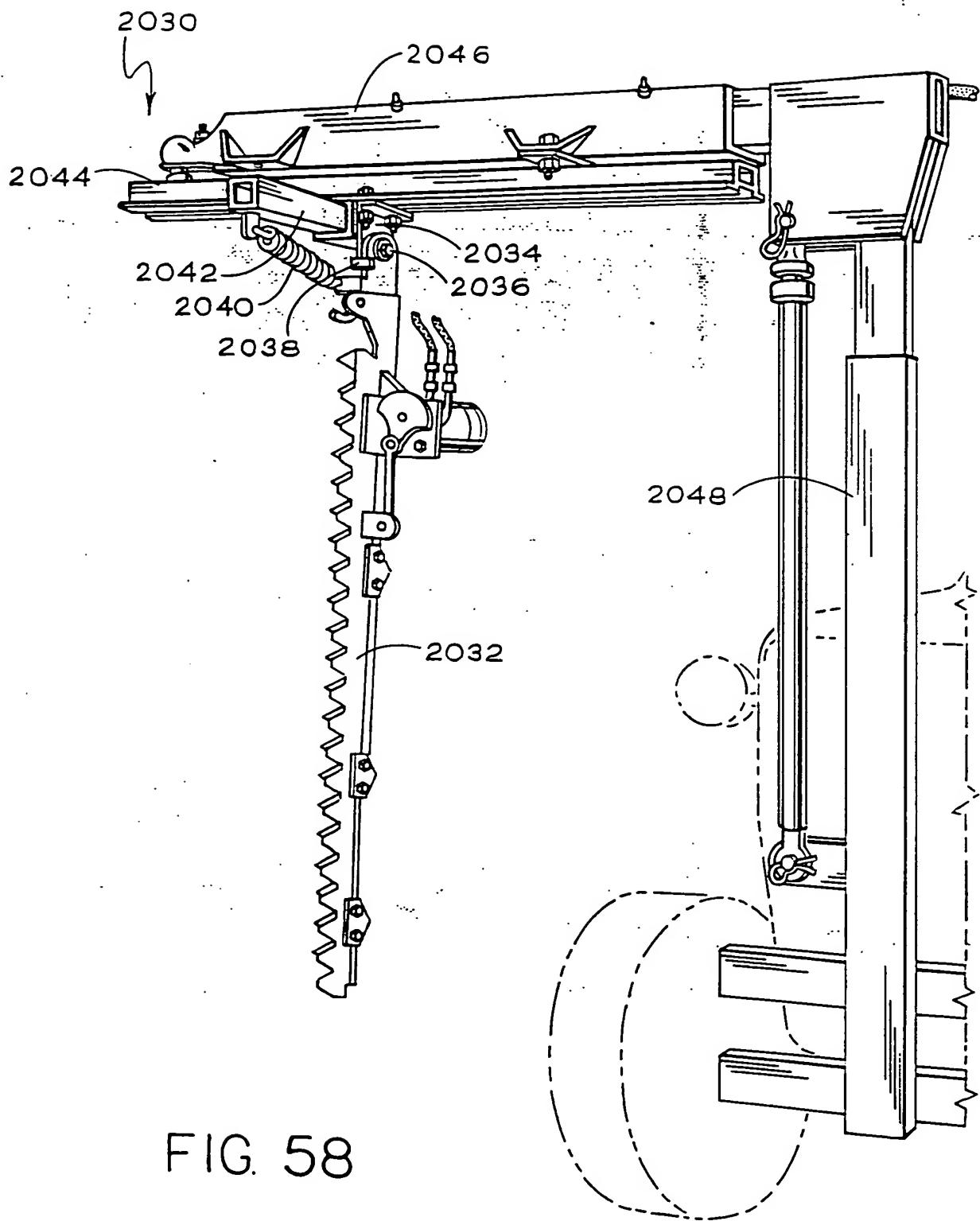


FIG. 58

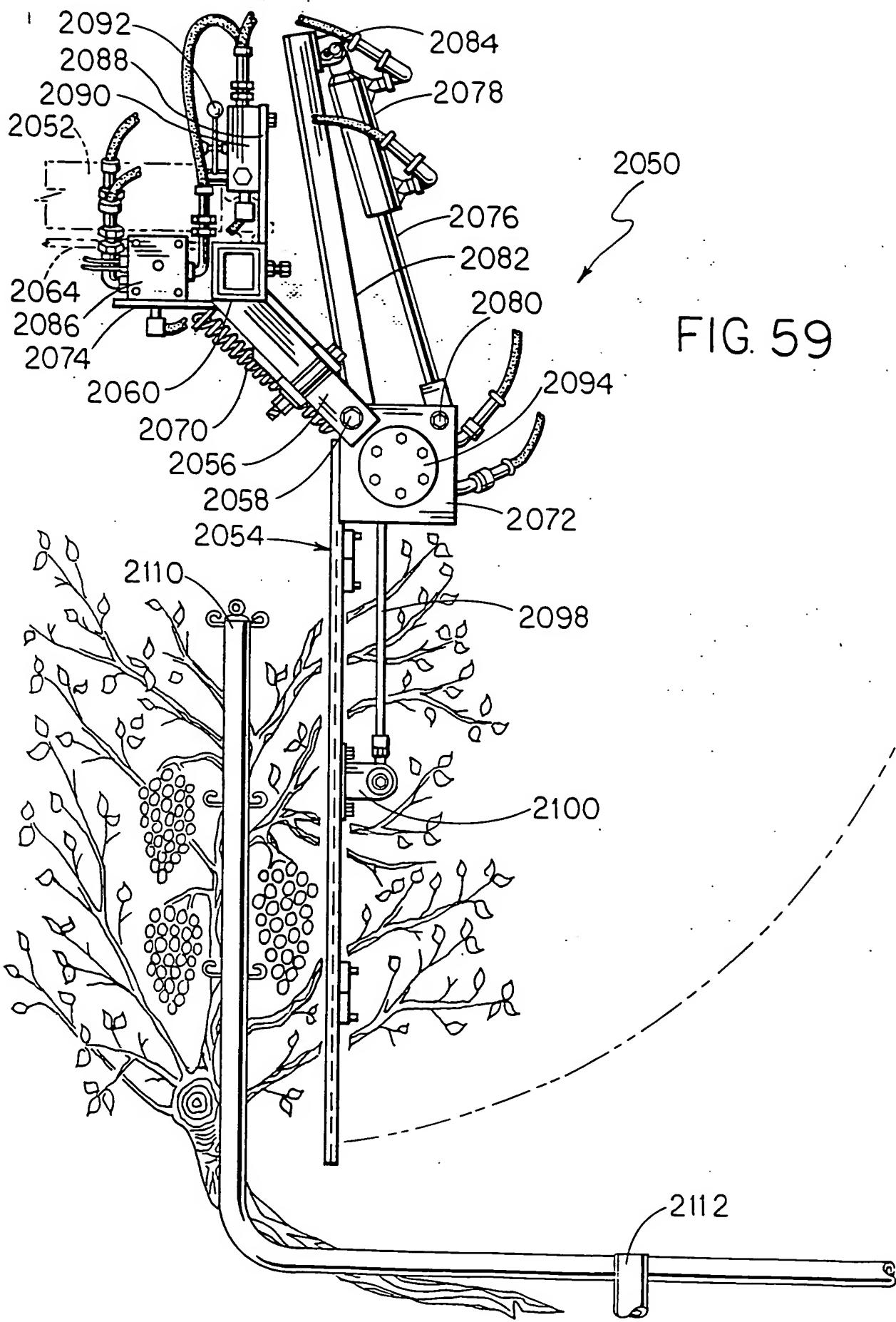


FIG. 59

FIG. 60

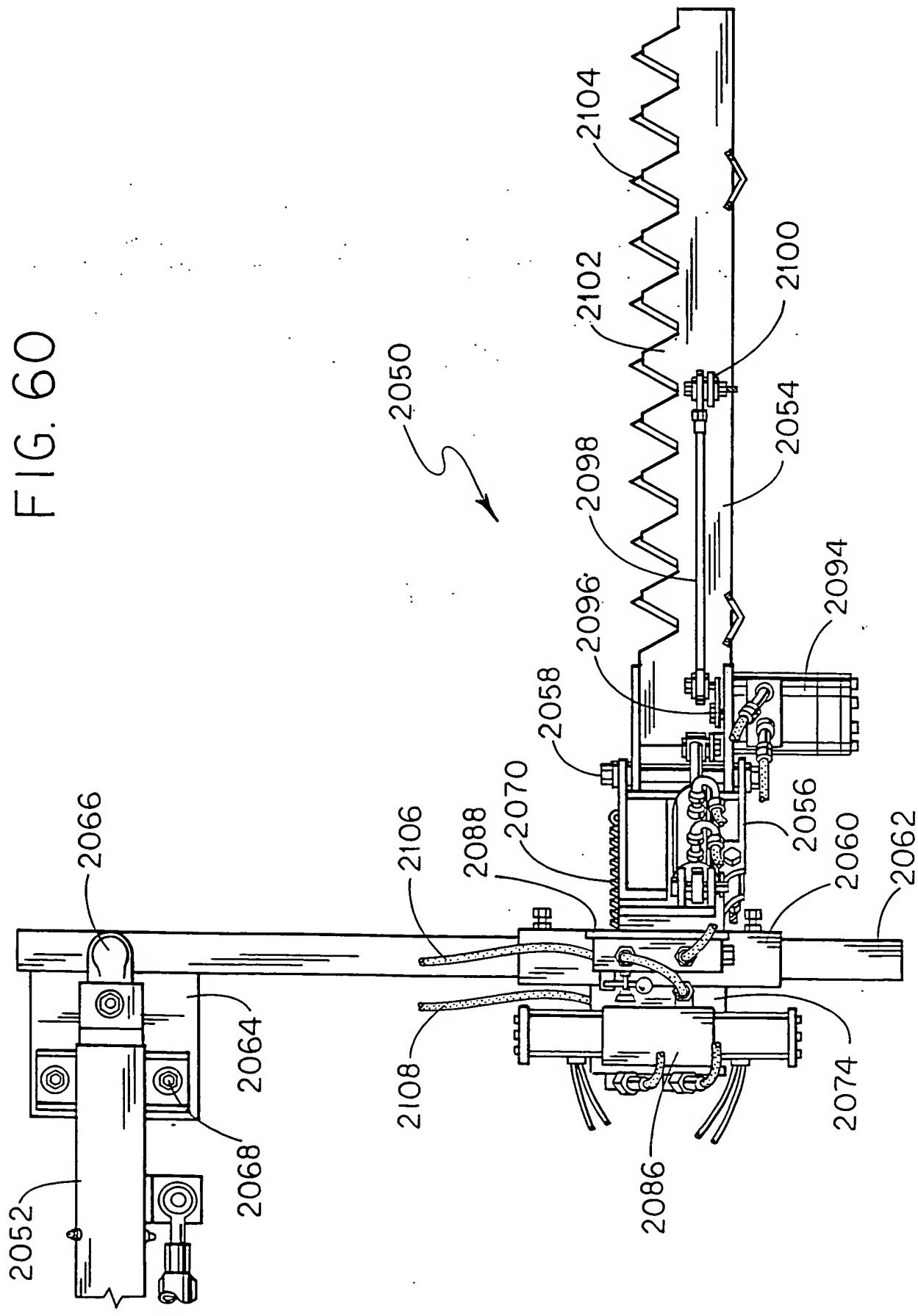


FIG. 61

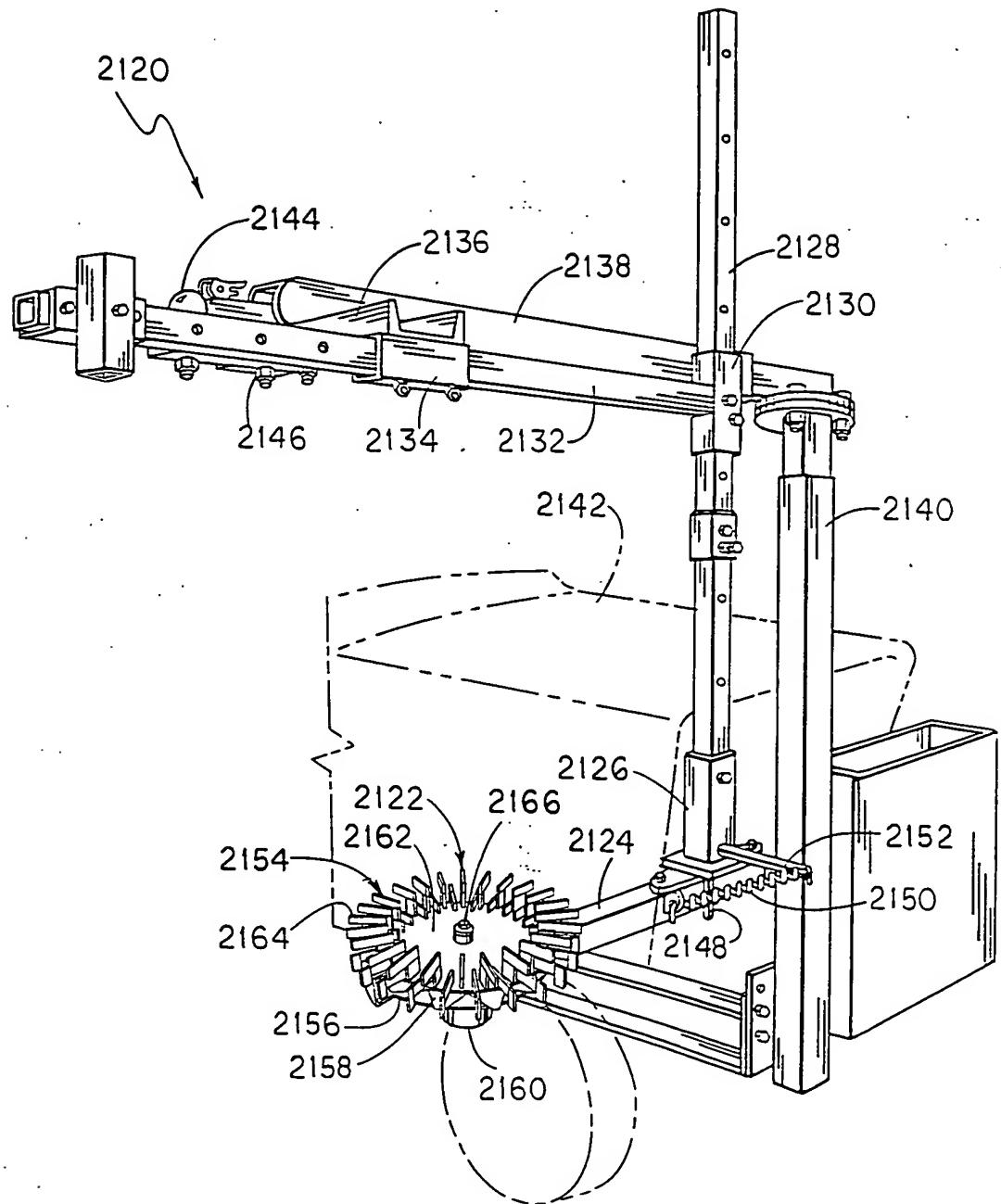


FIG. 62

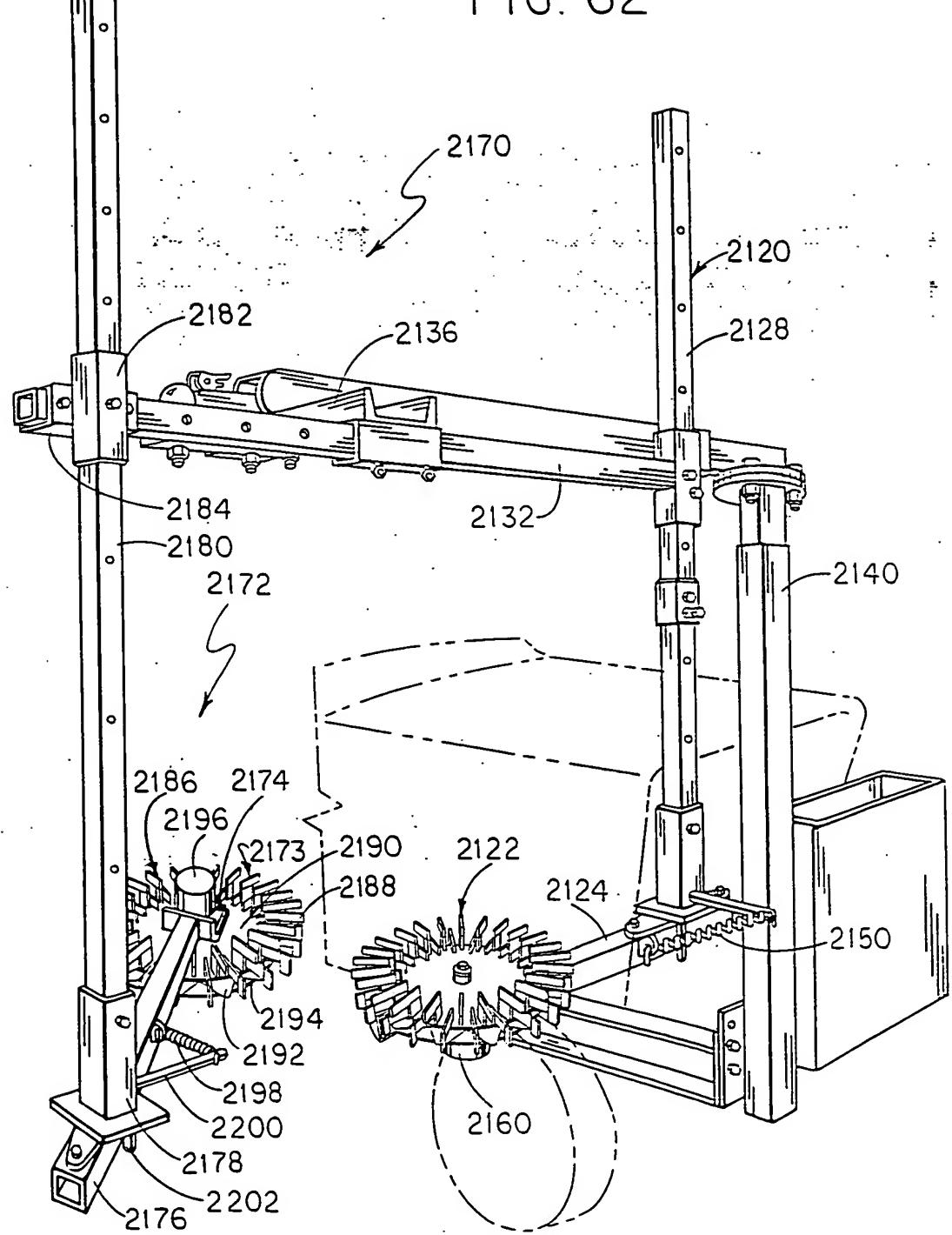
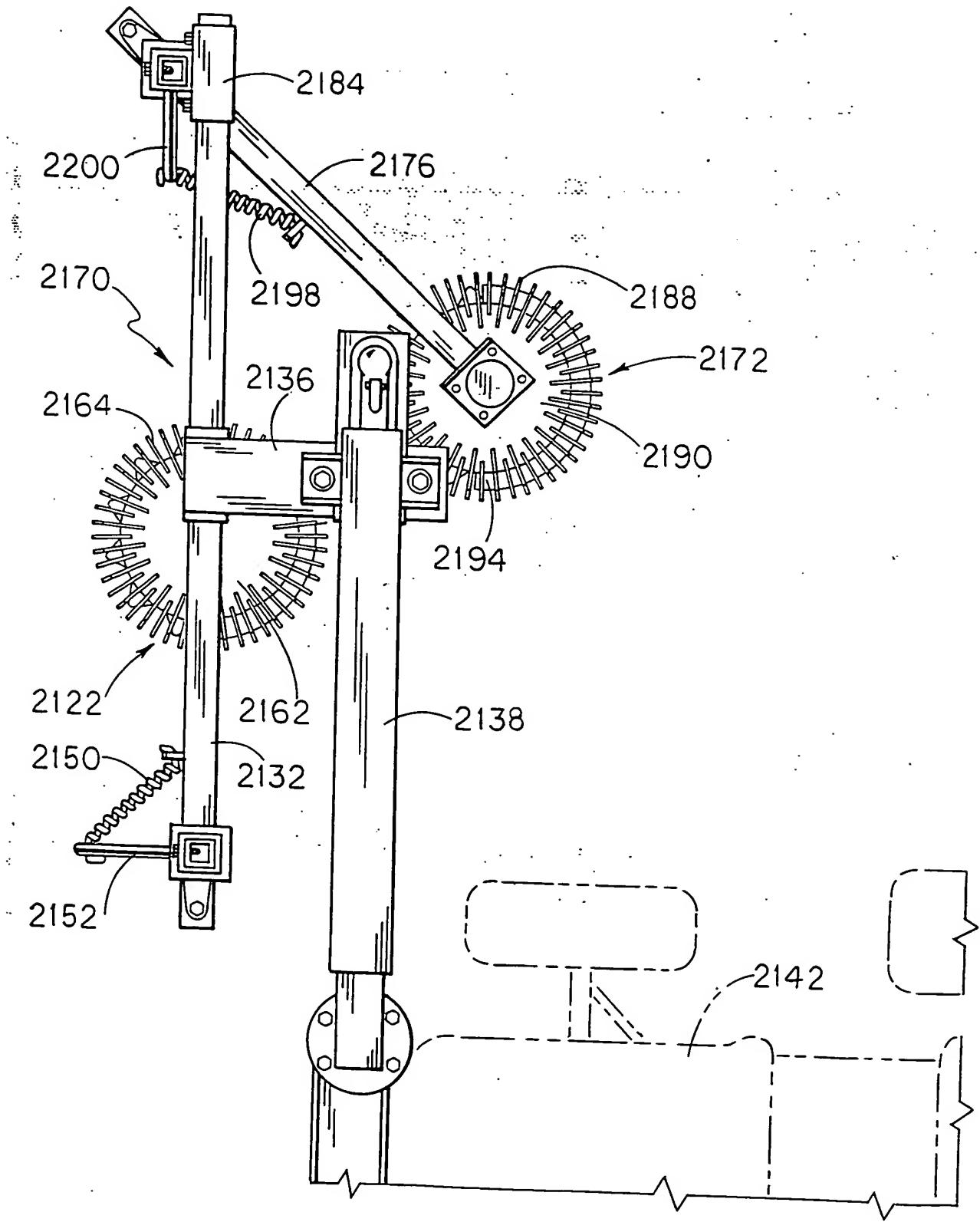


FIG. 63



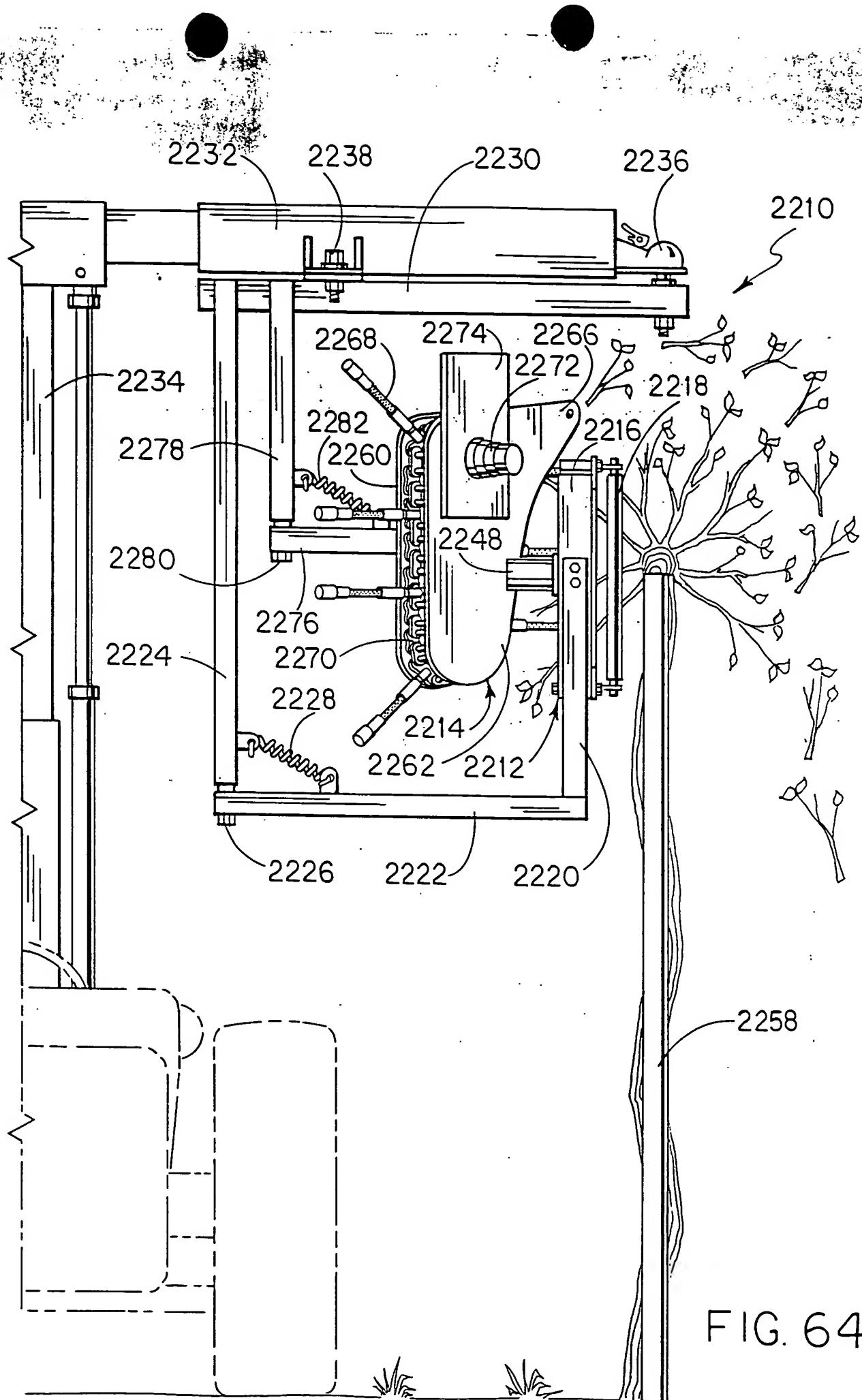
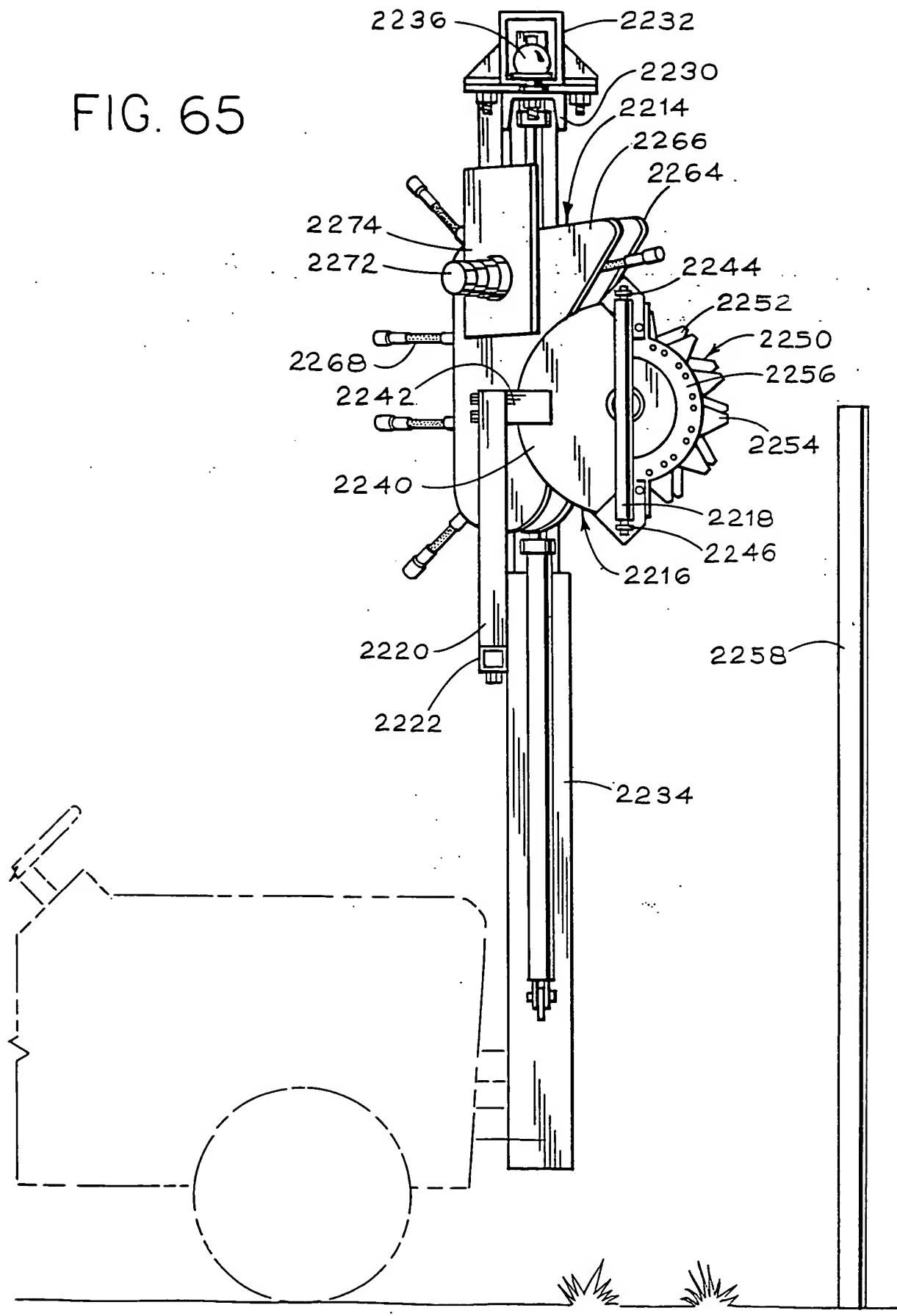
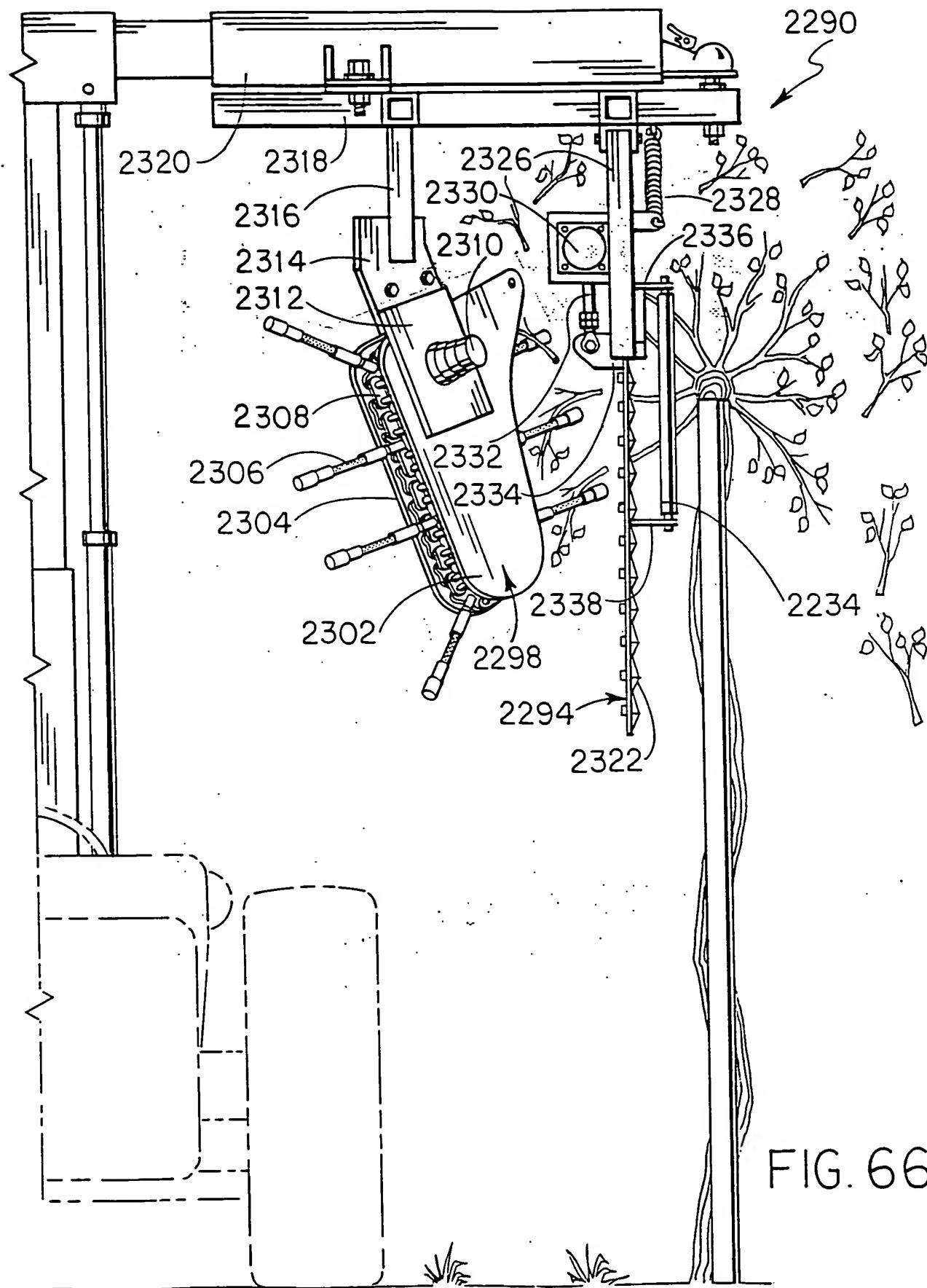


FIG. 64

FIG. 65





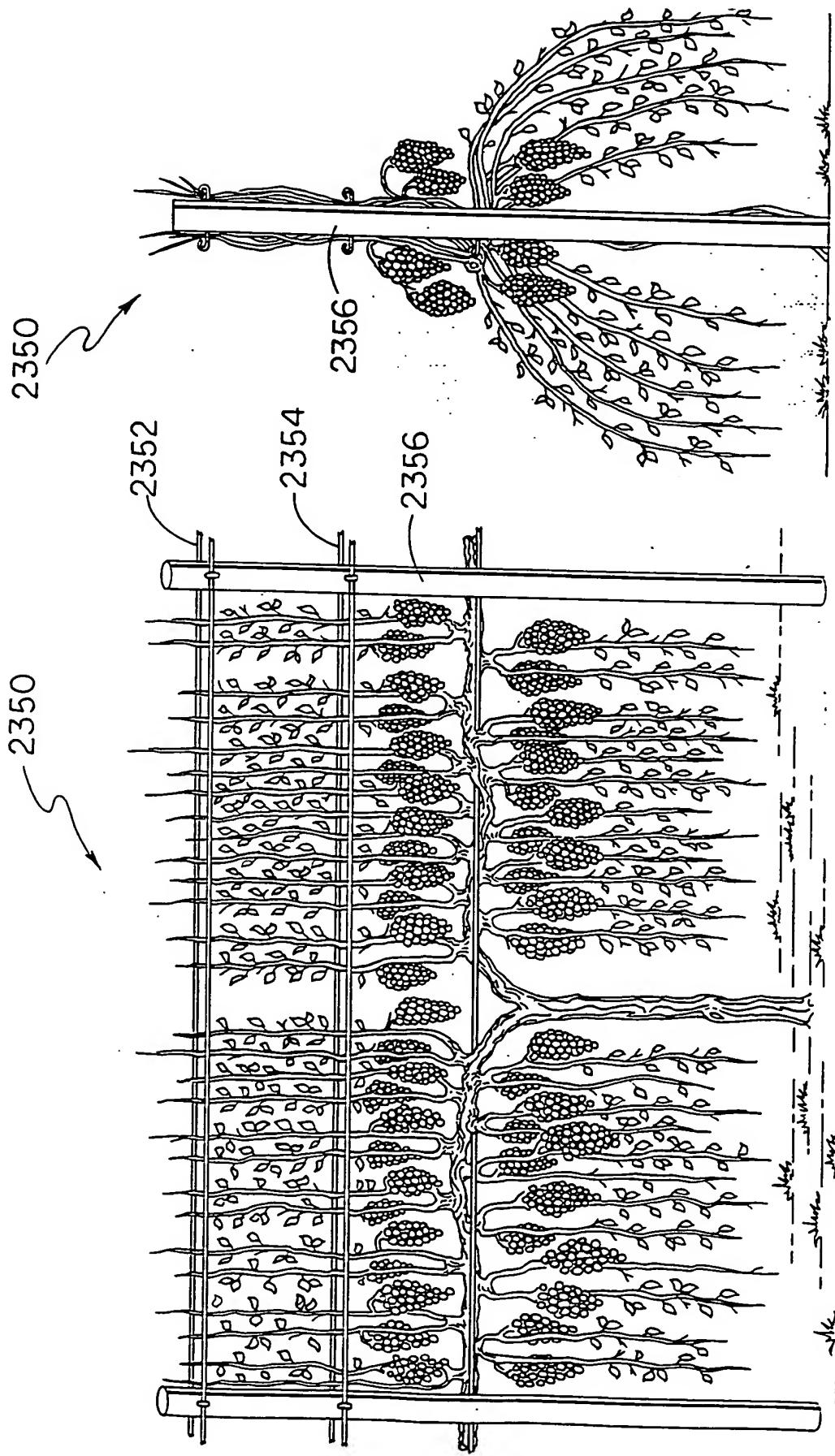


FIG. 67

FIG. 68

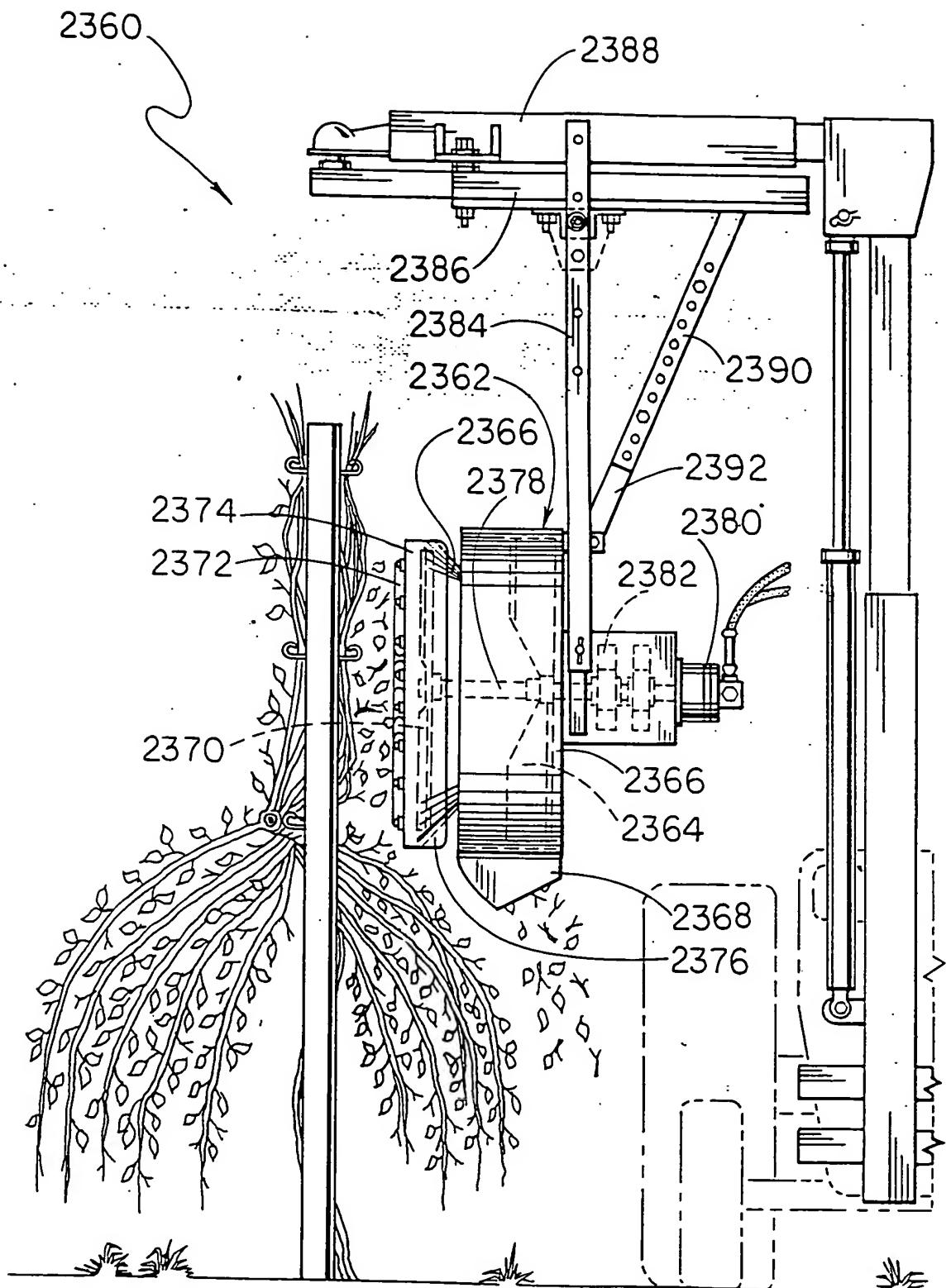


FIG. 69

1001454 " 102201

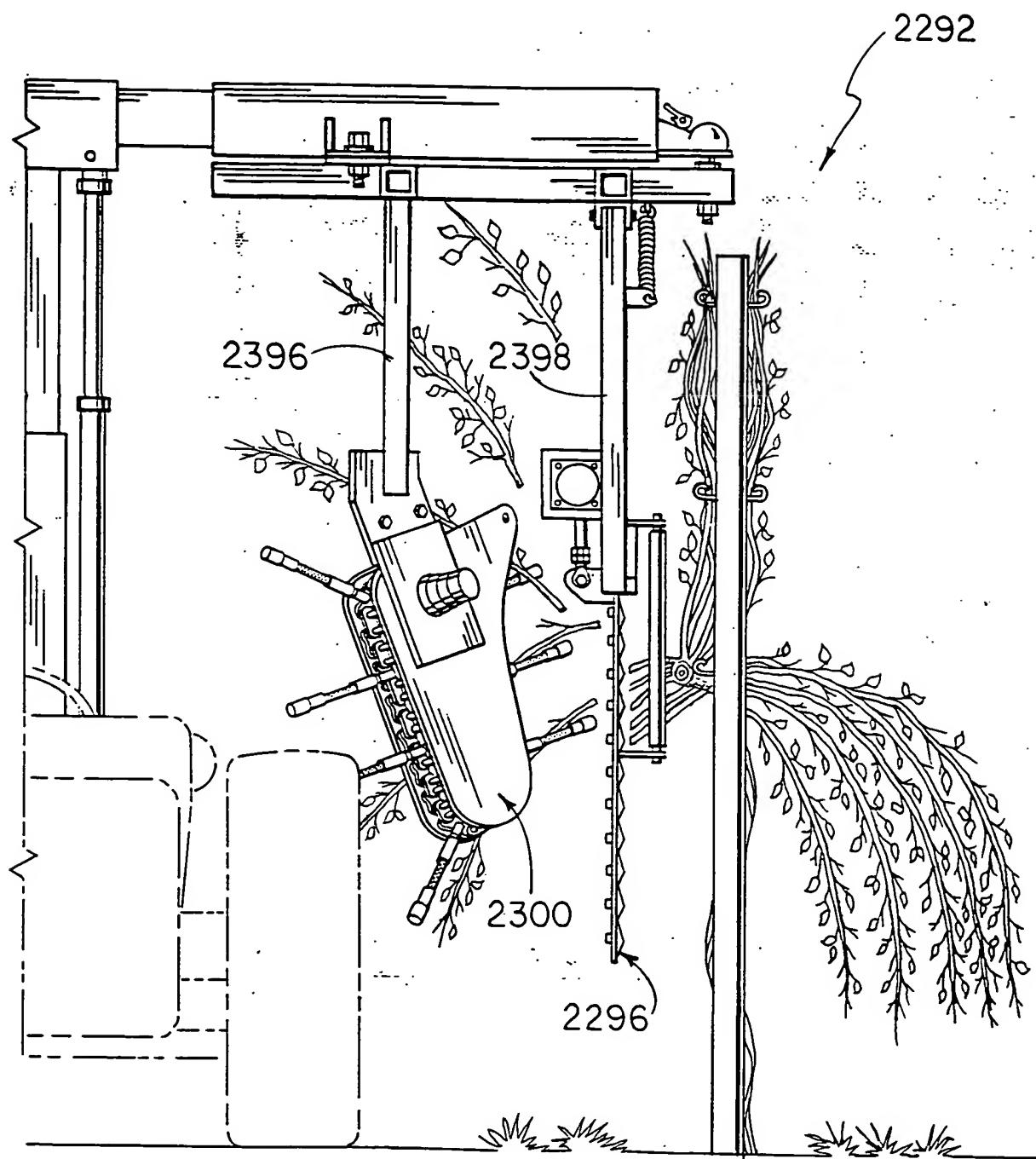


FIG. 70

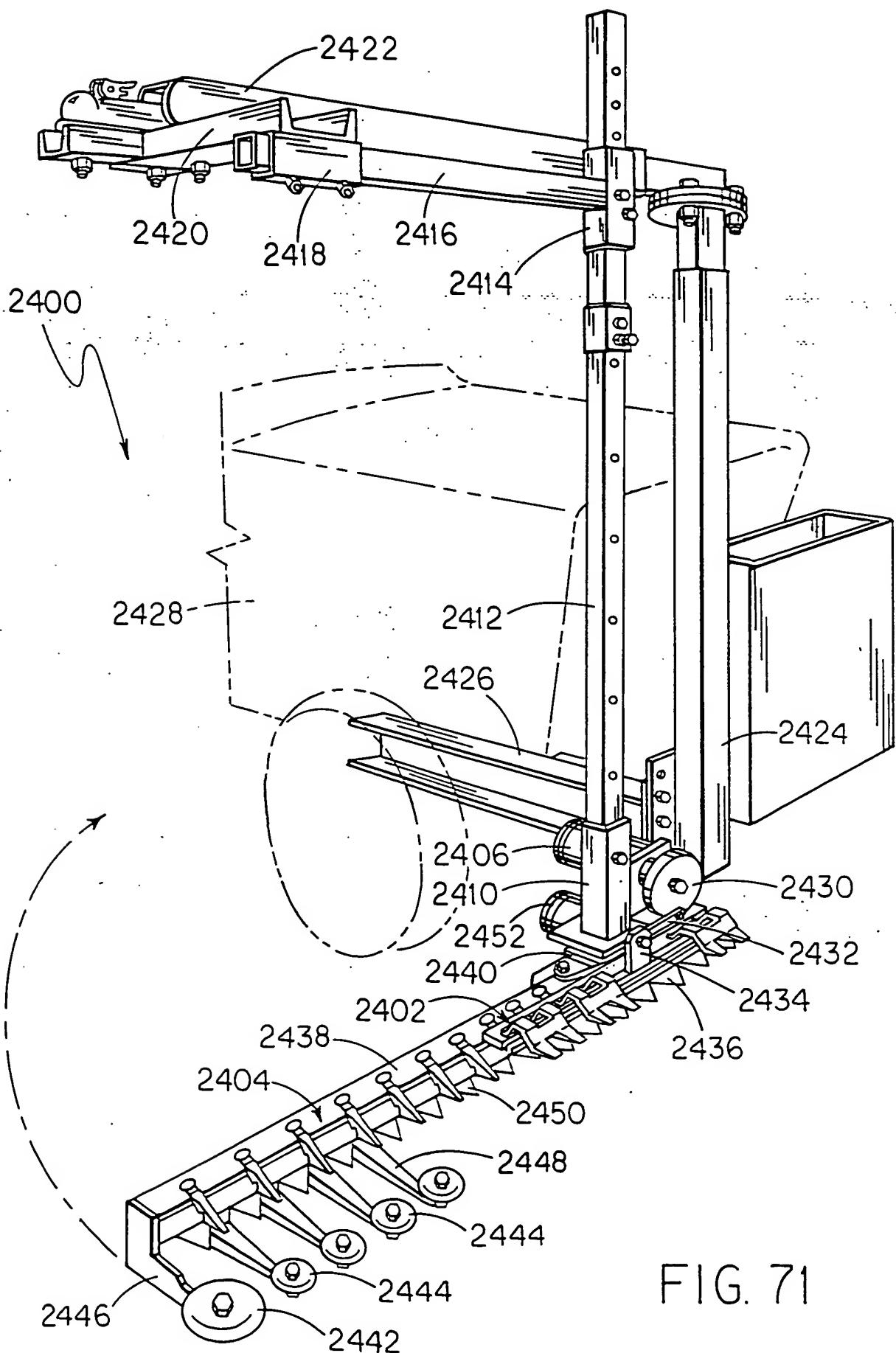


FIG. 71

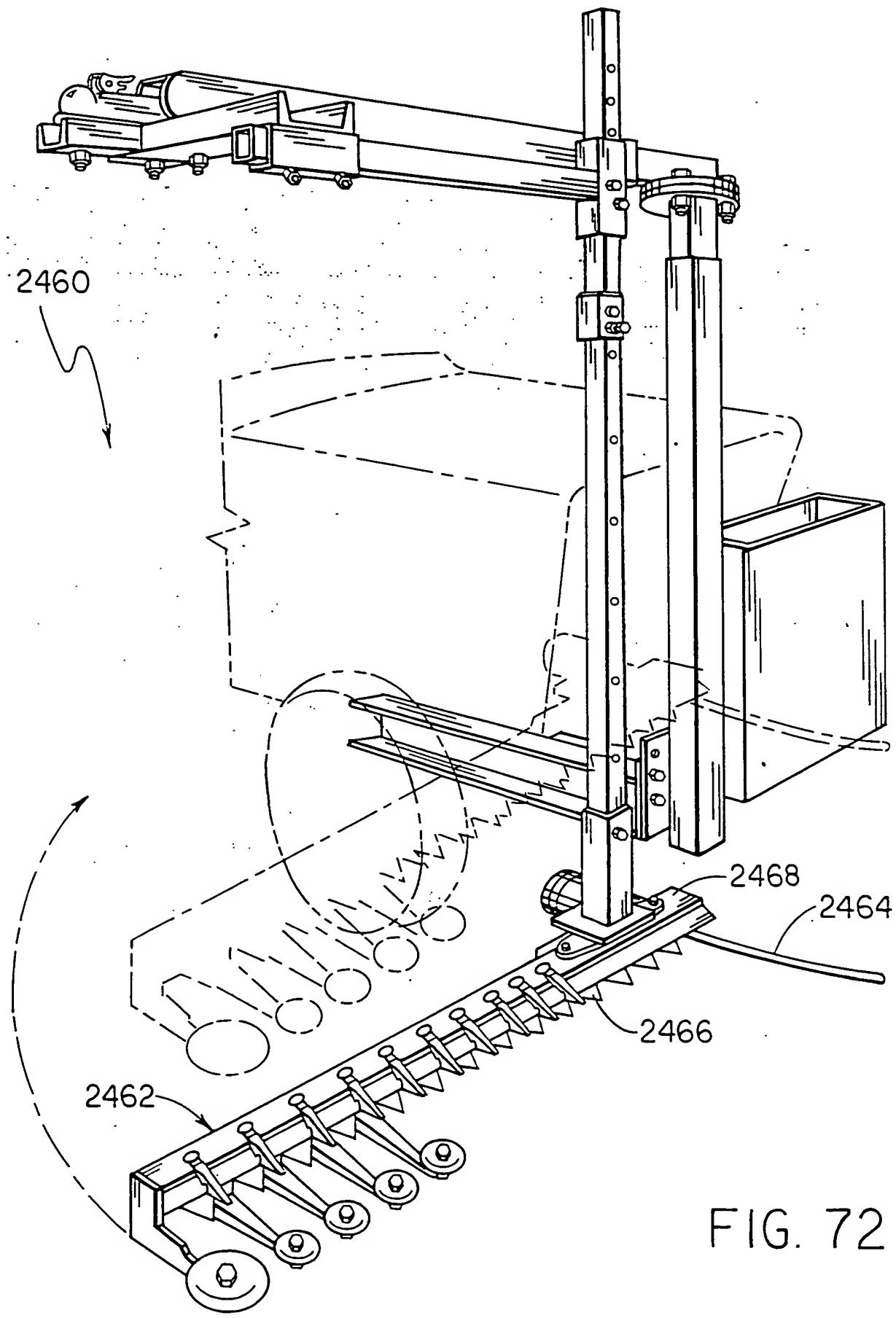
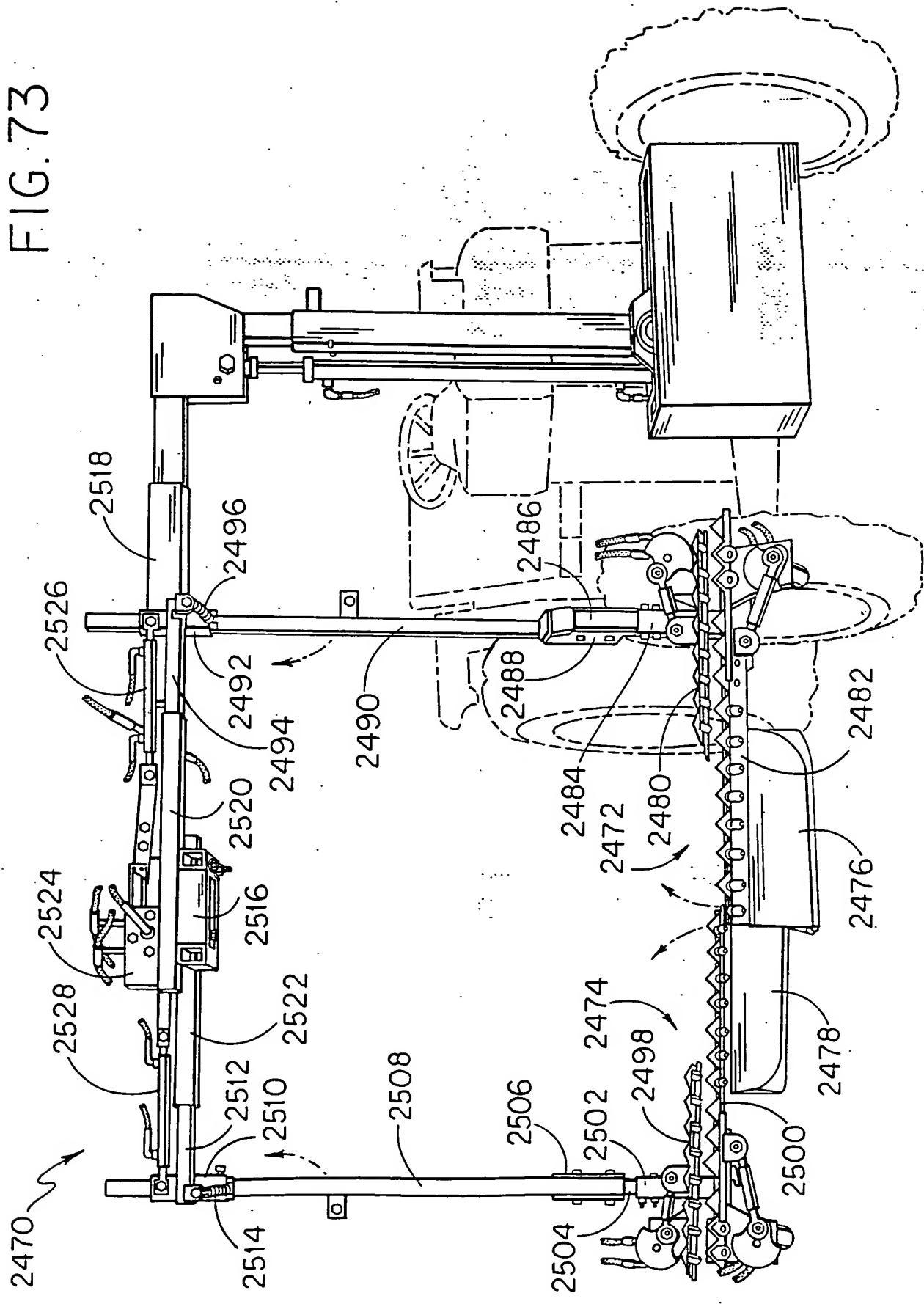


FIG. 72

FIG. 73



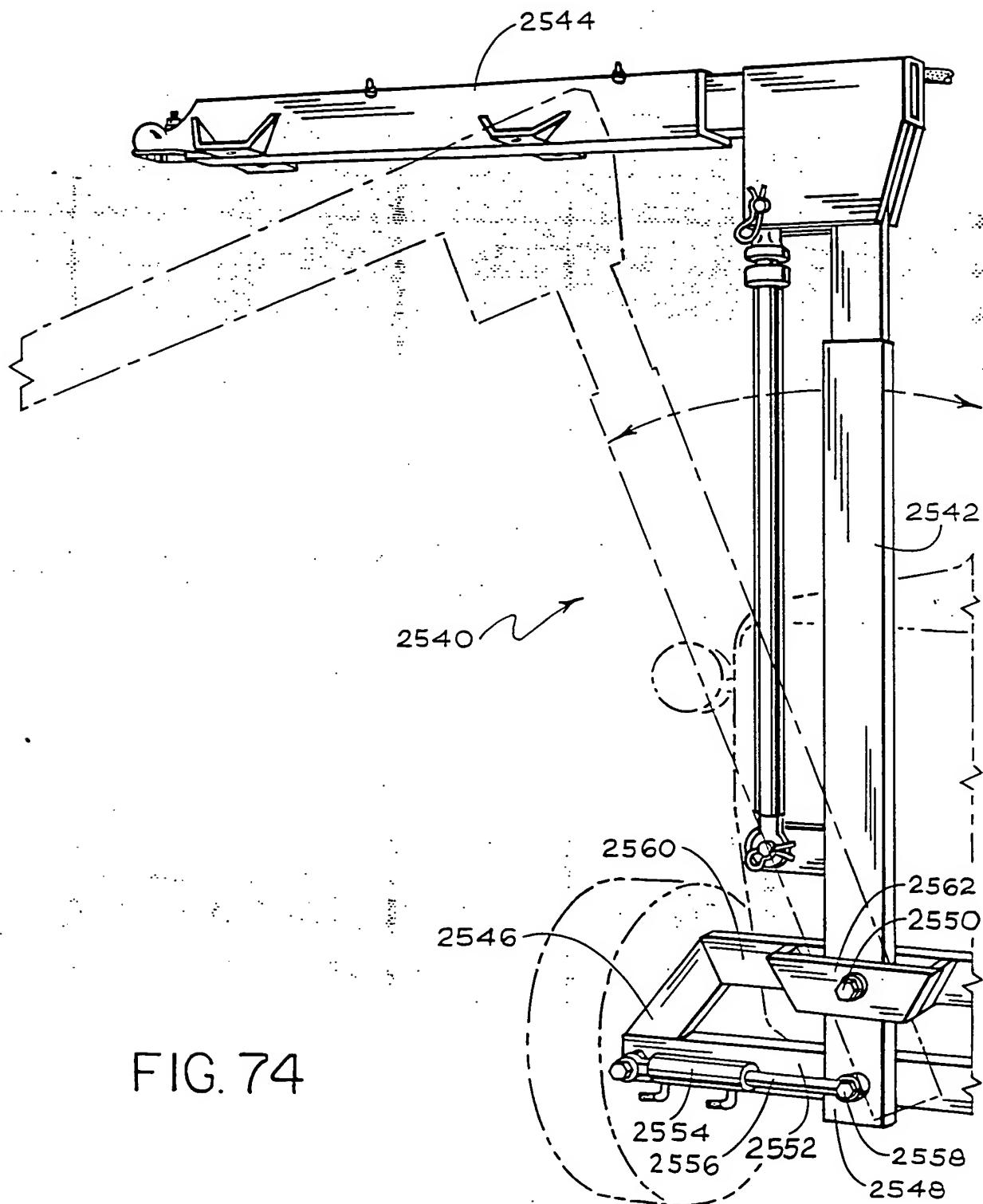


FIG. 74

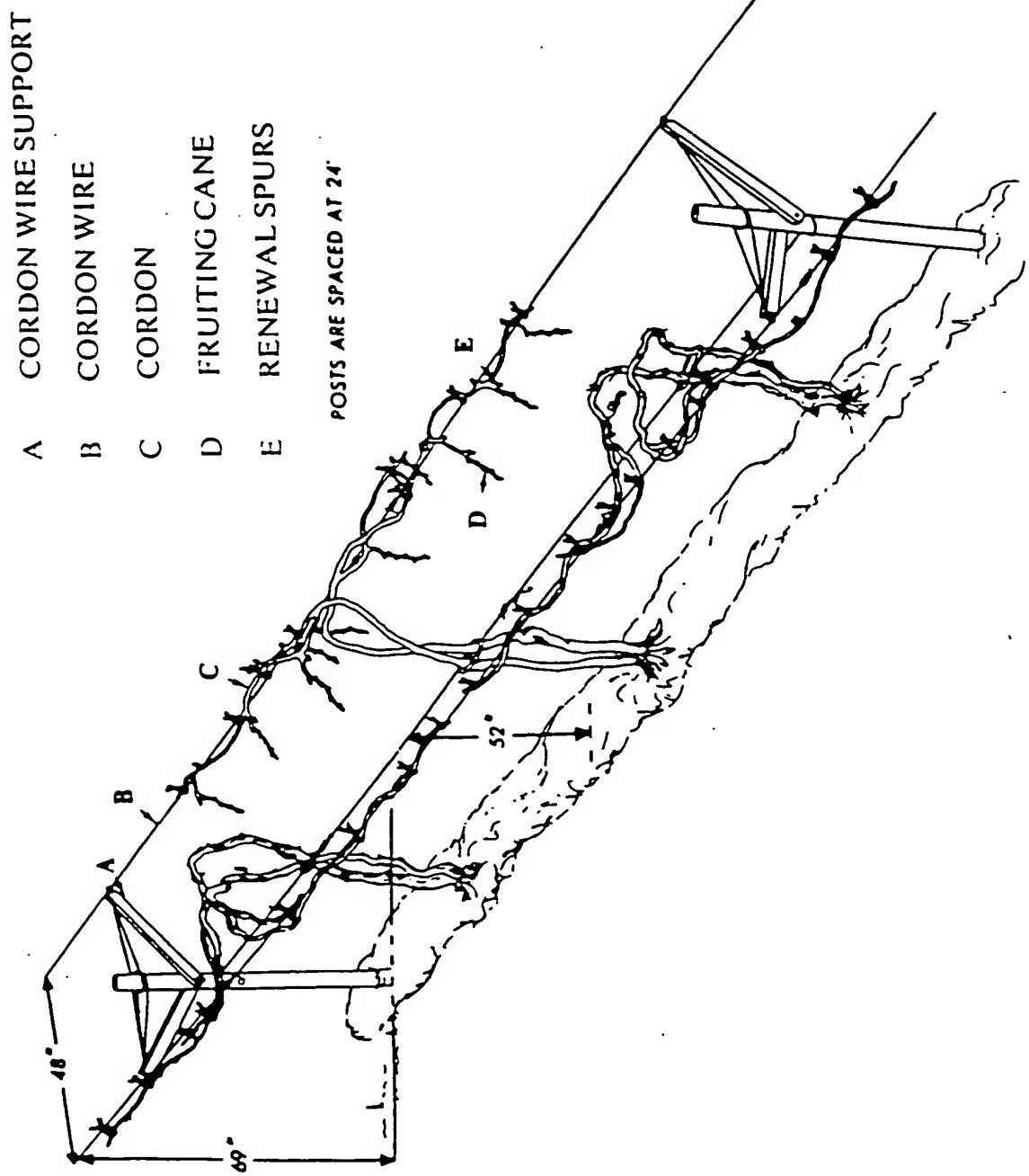


FIG. 75

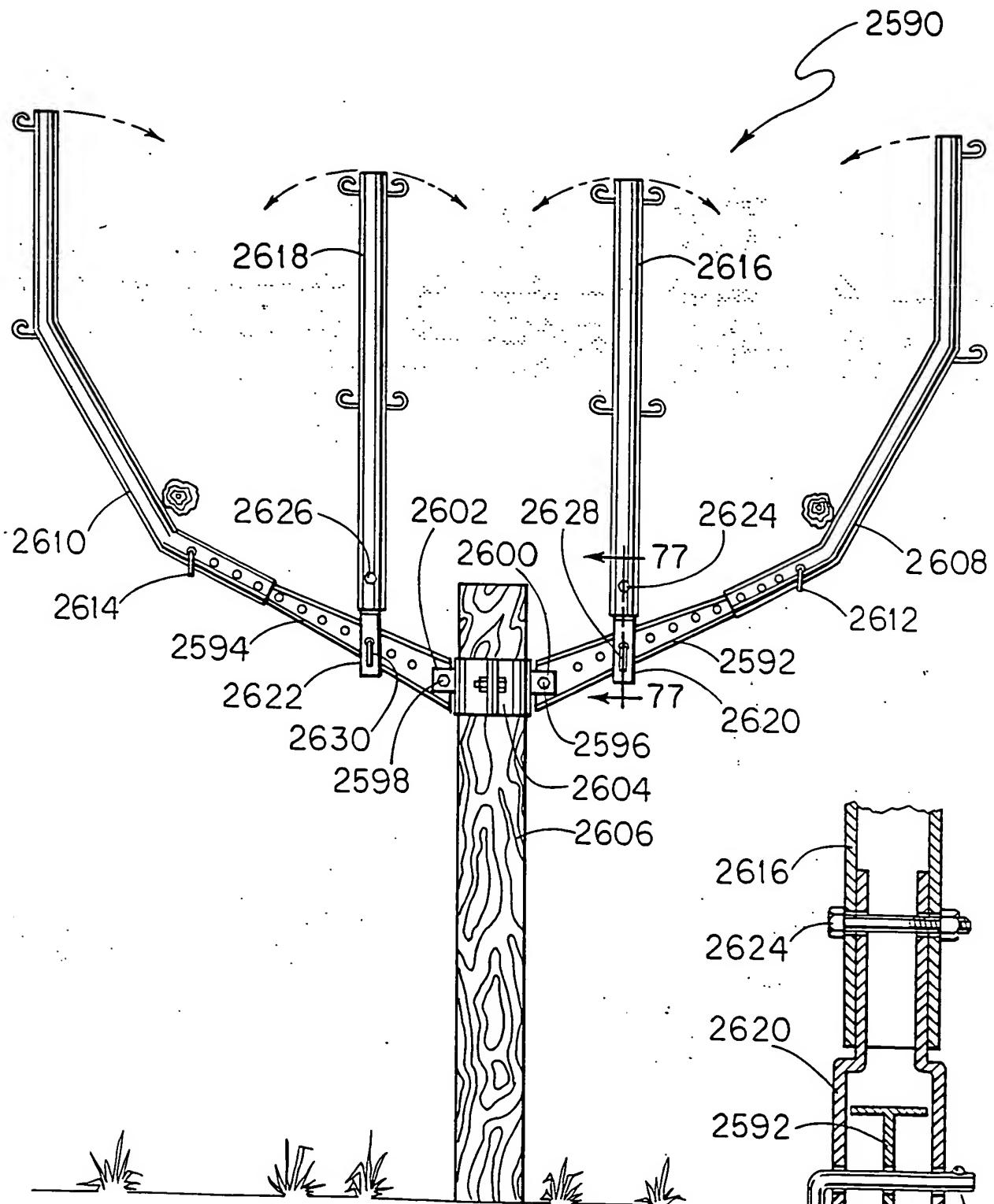
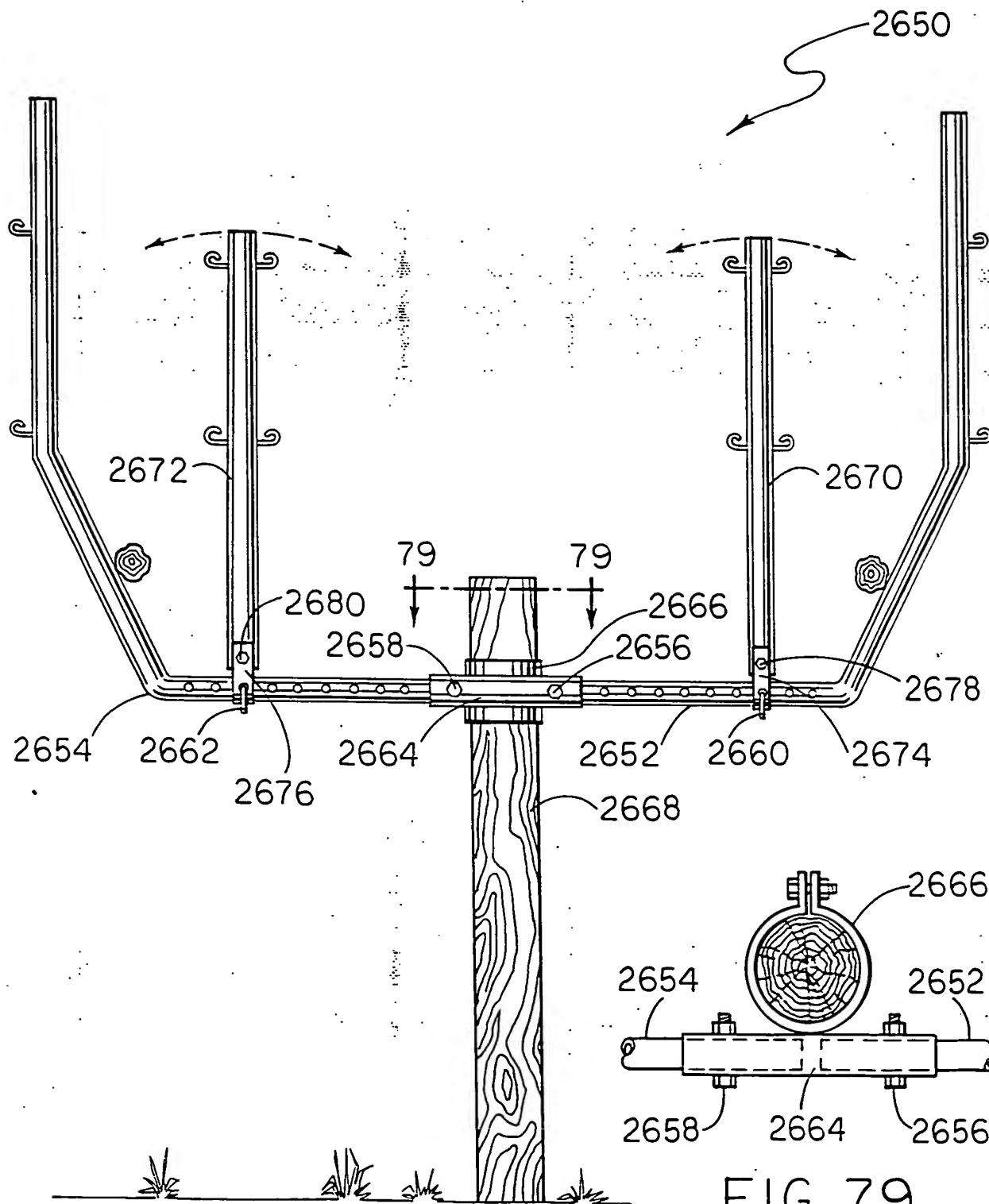


FIG. 76





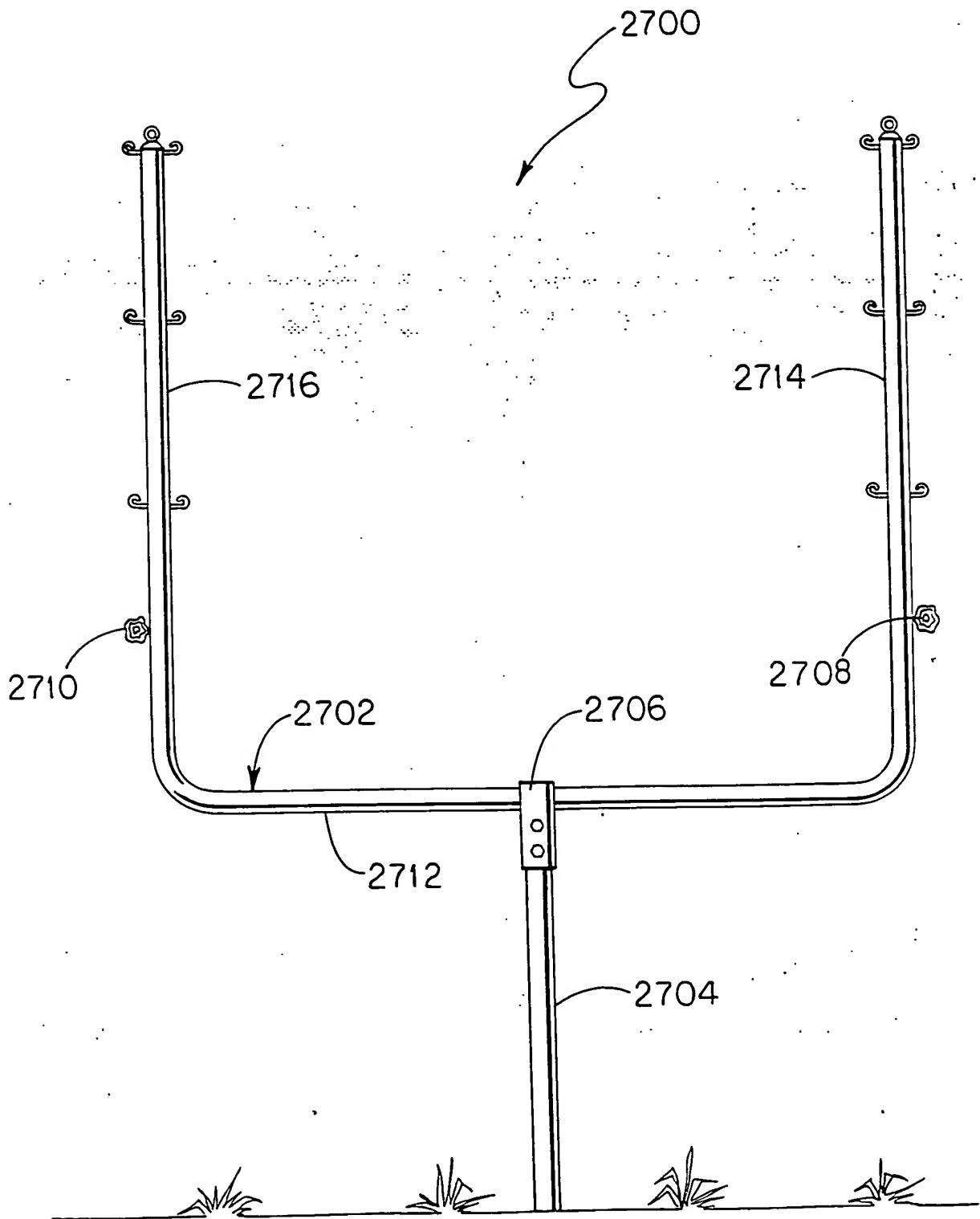


FIG. 80

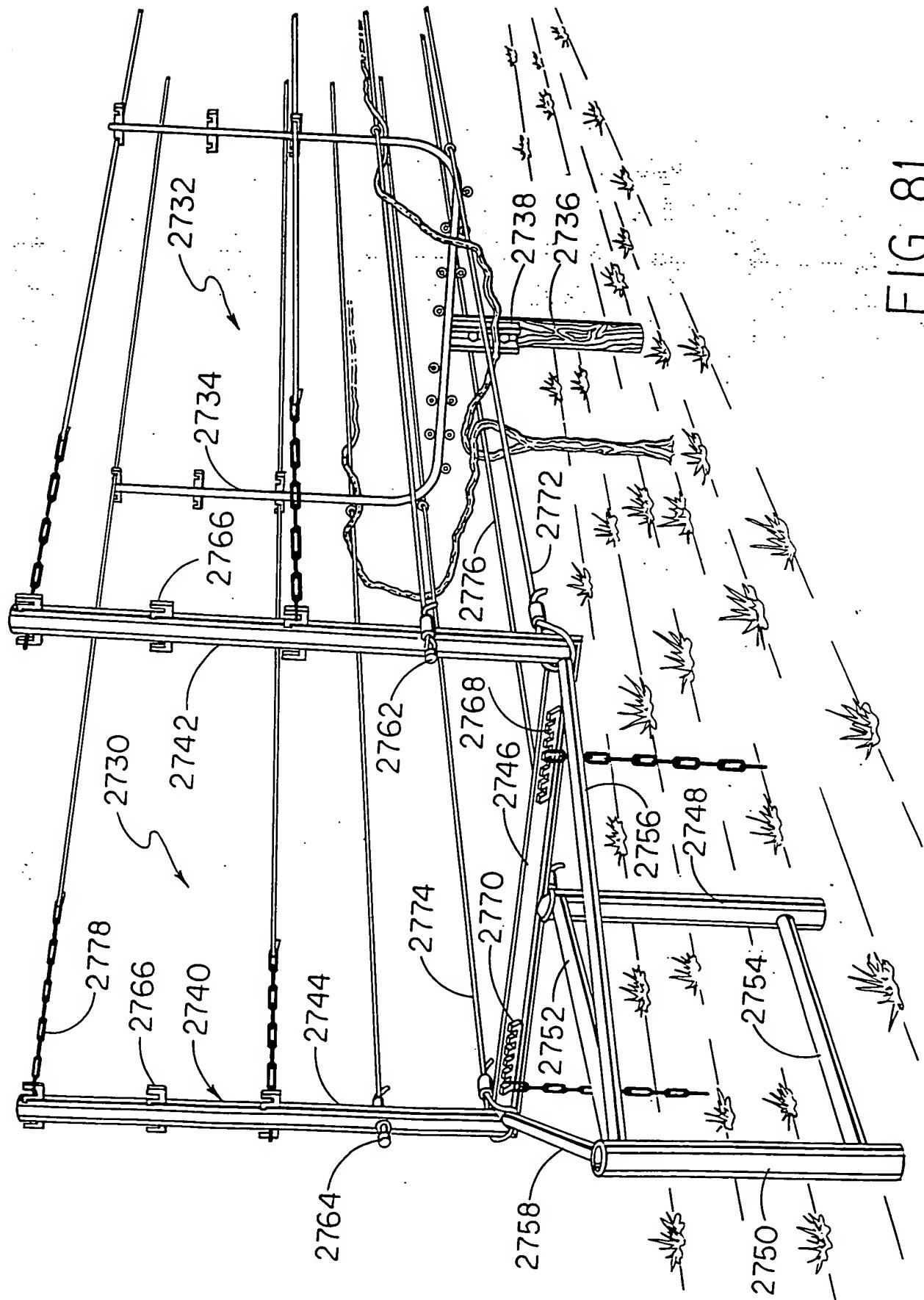
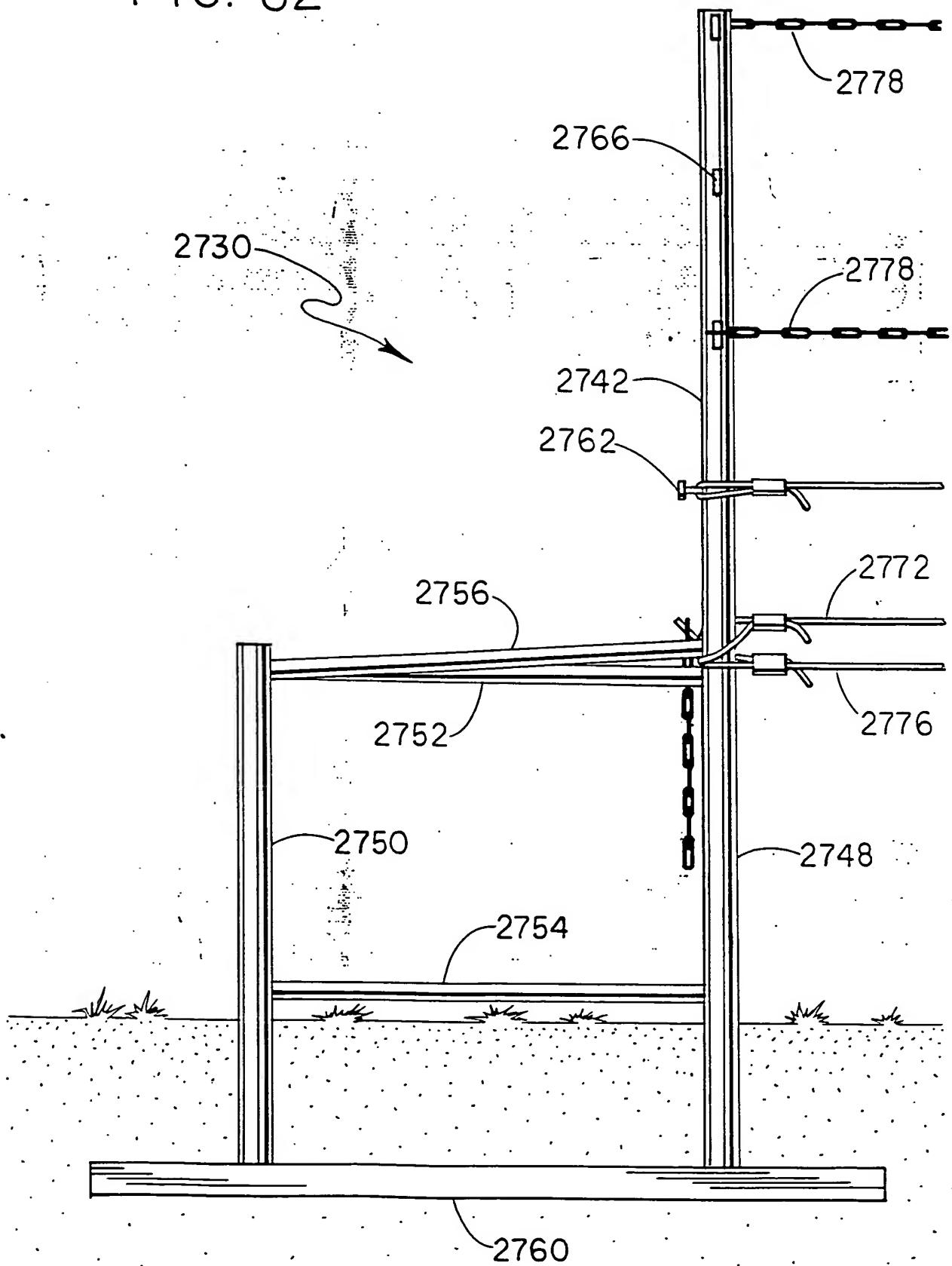


FIG. 81

FIG. 82



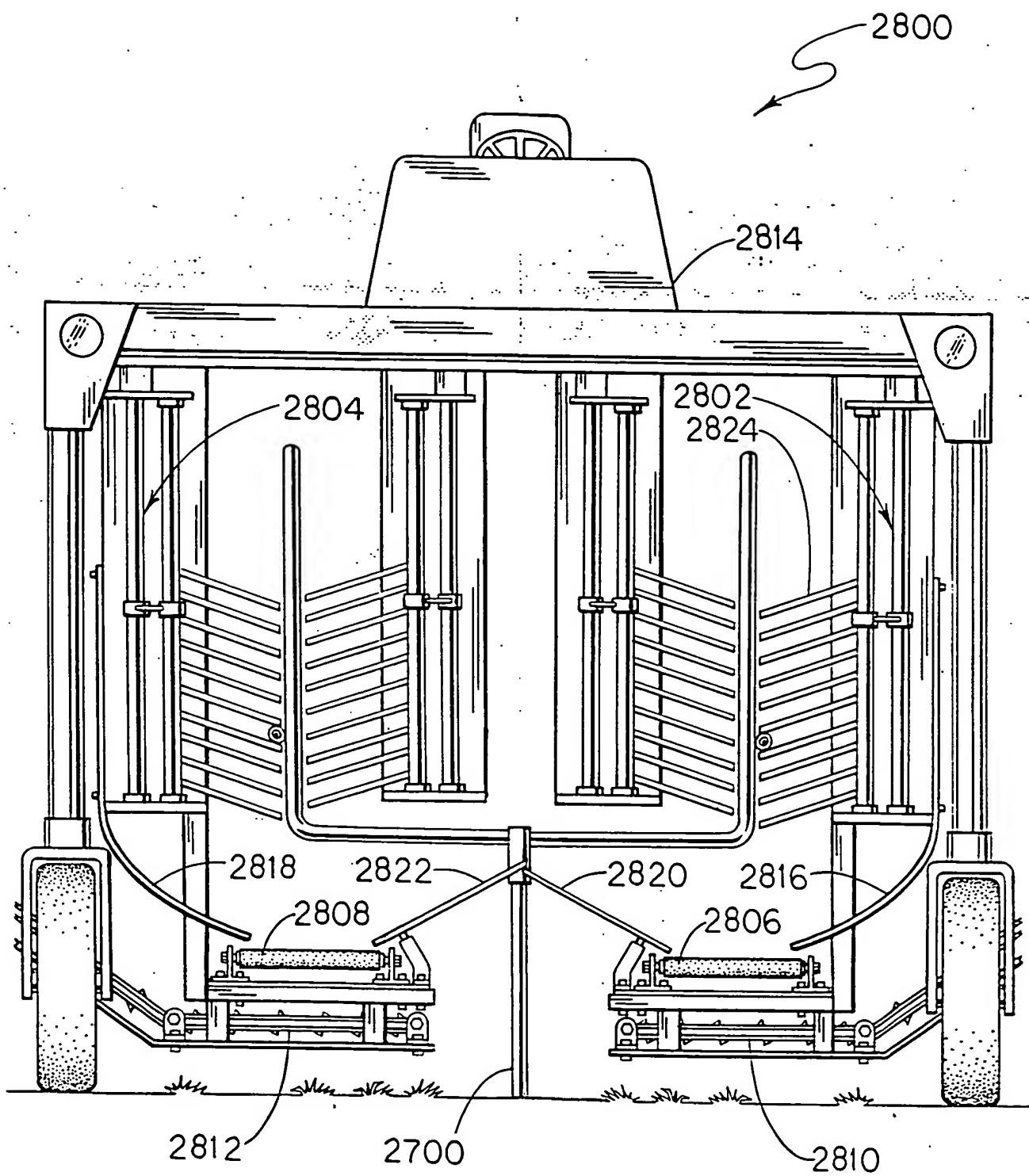


FIG. 83

FIG. 84

4,004,700 Patented June 2, 1976

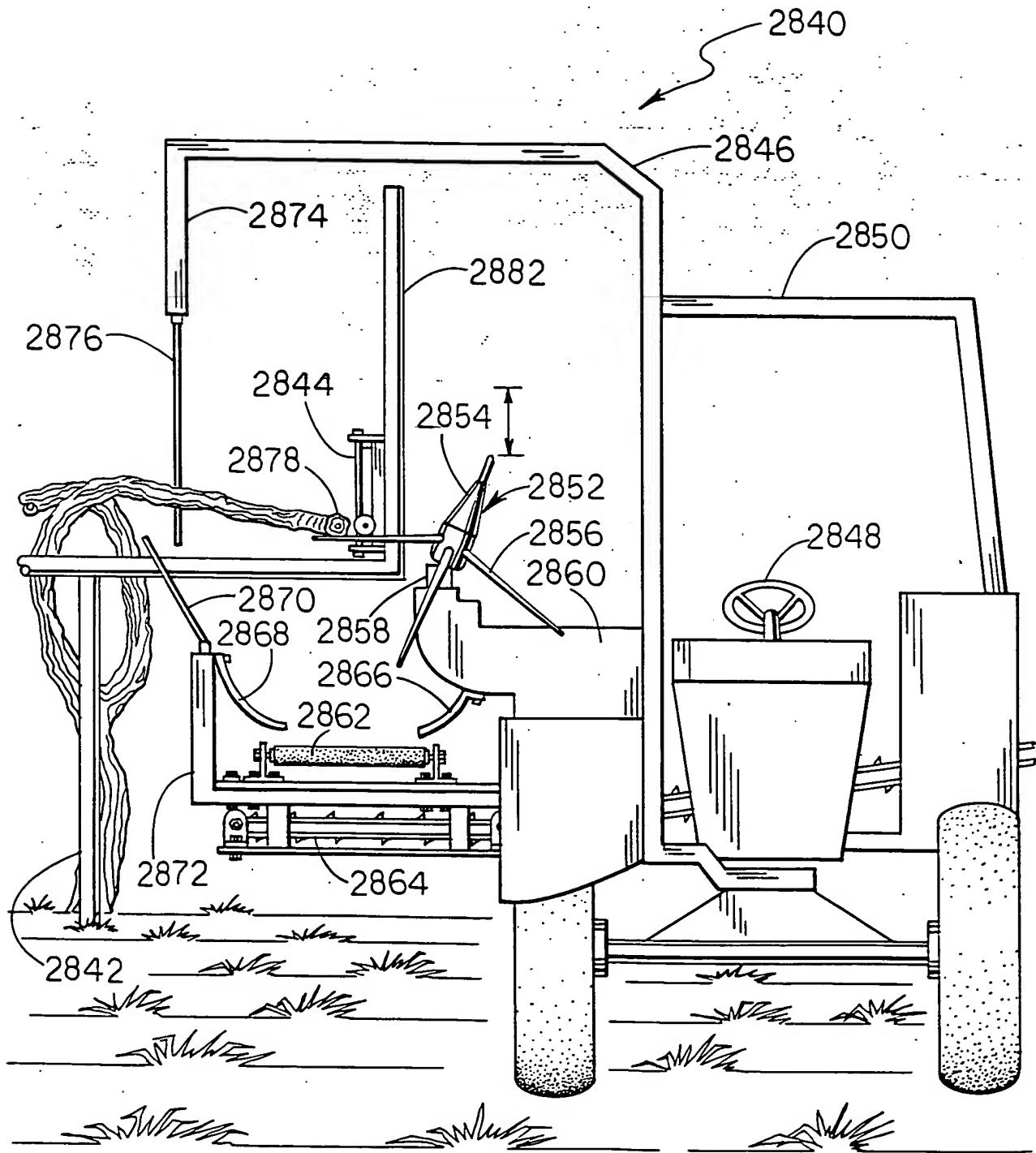


FIG. 84A

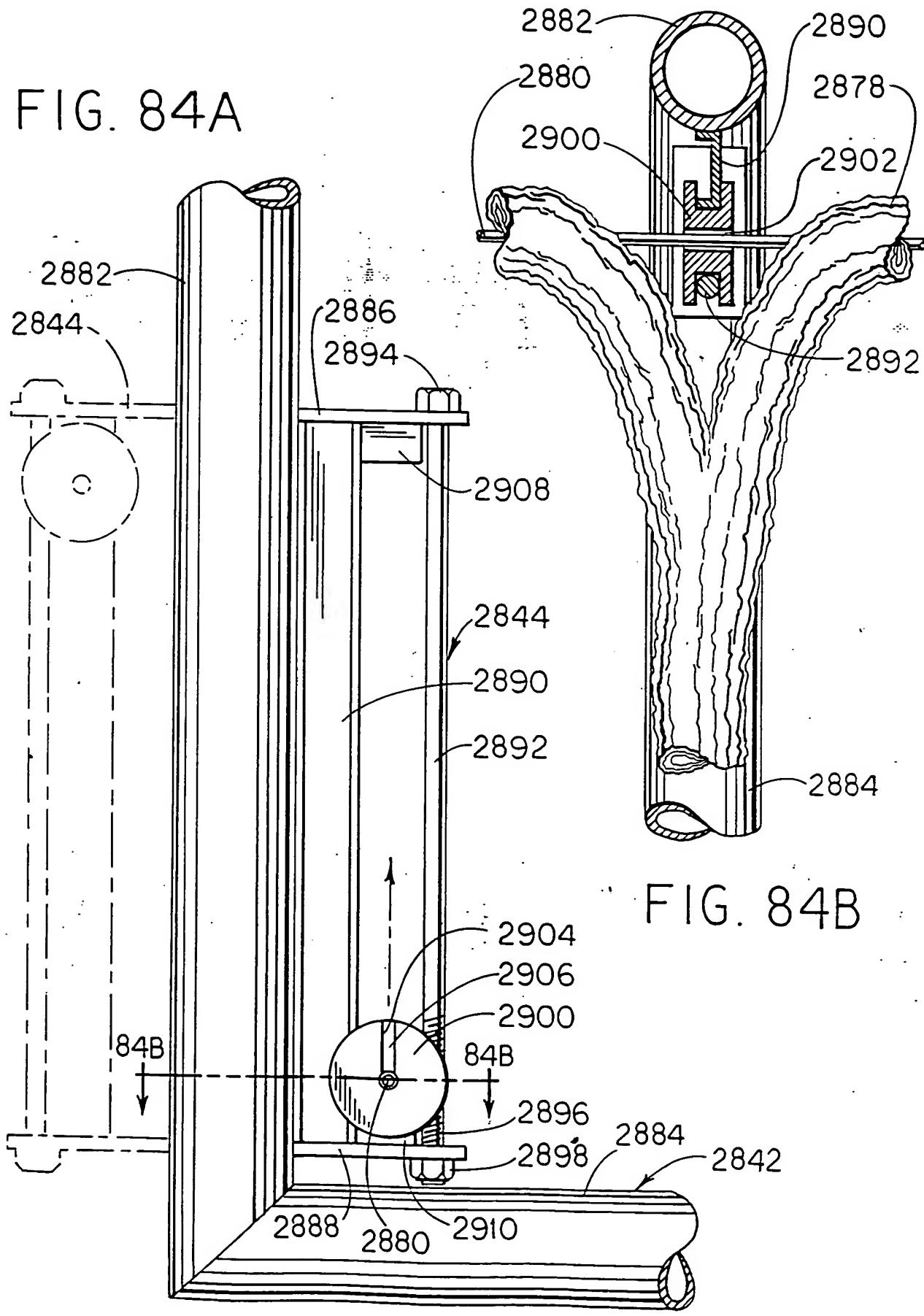


FIG. 84B

תְּמִימָנָה וְמִתְּמִימָנָה

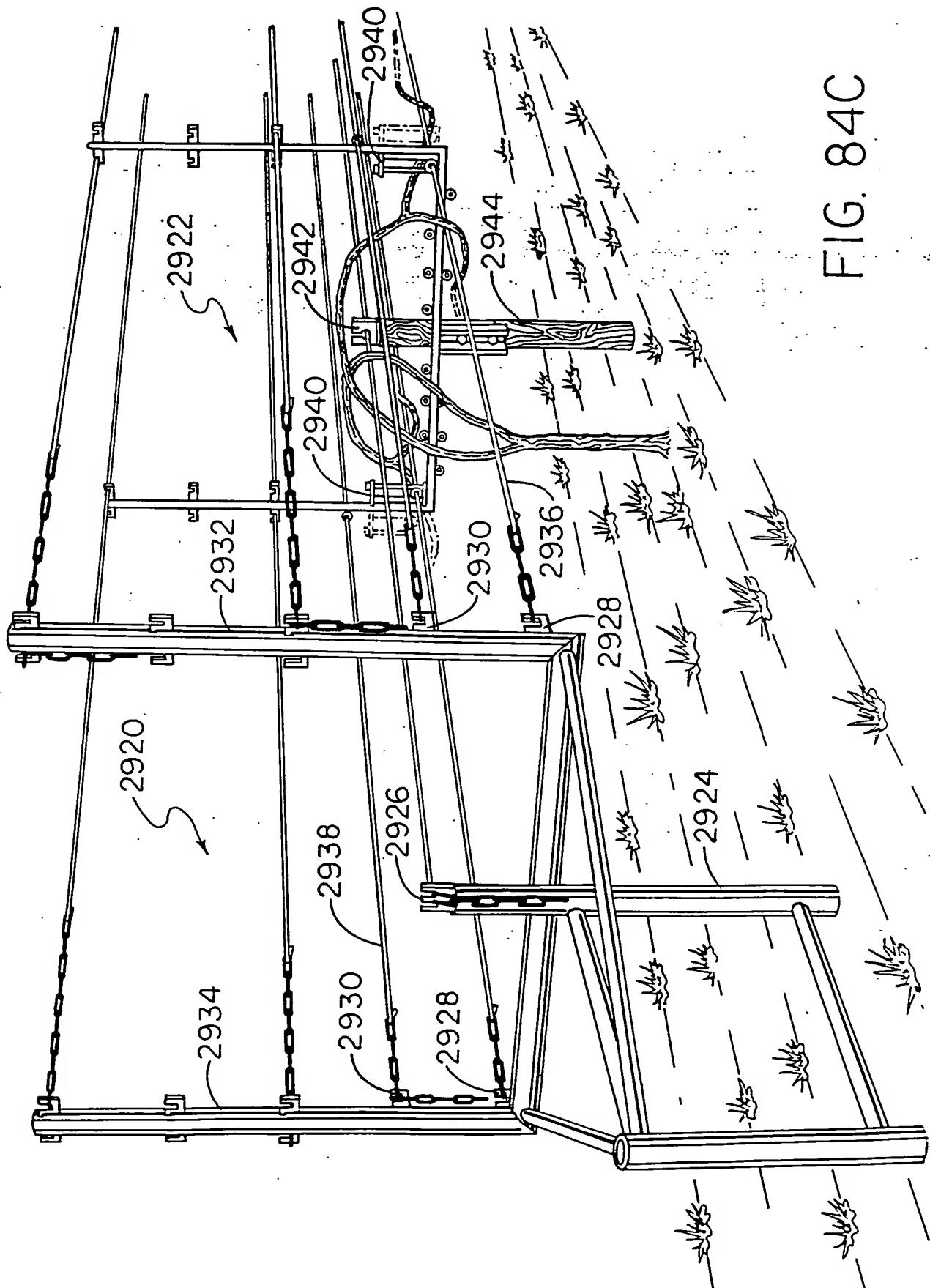


FIG. 84C

10044544 102204

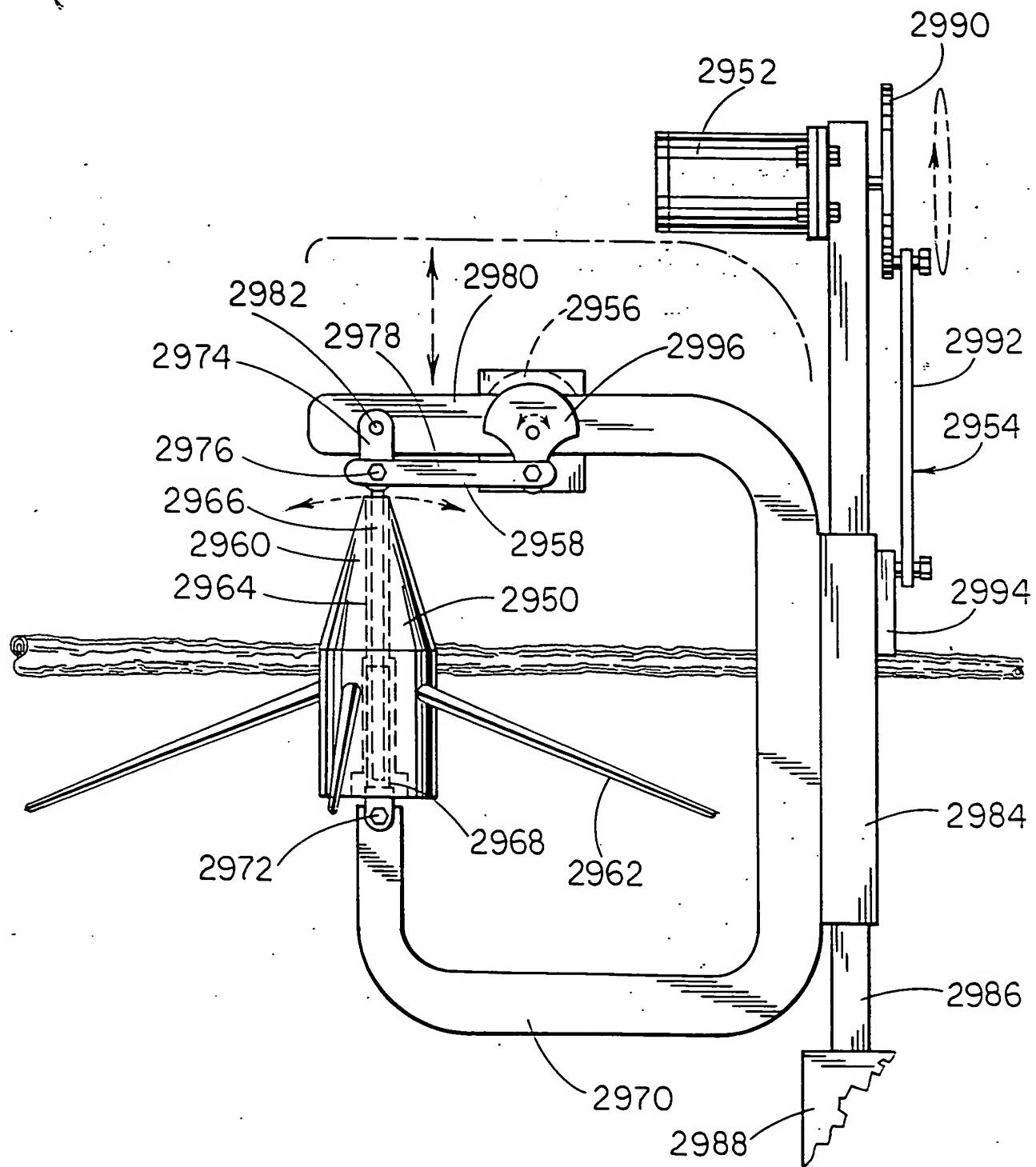


FIG. 84D

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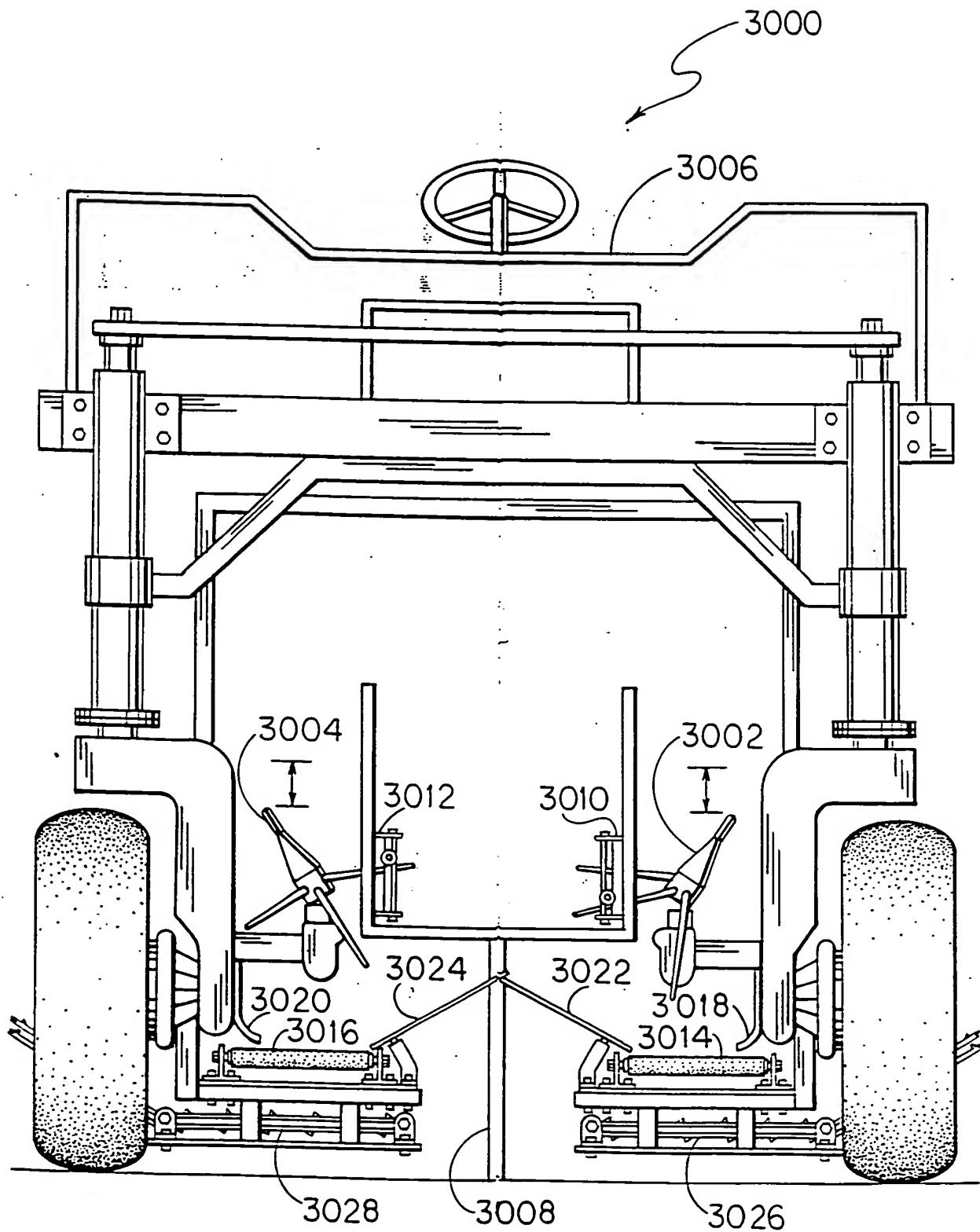


FIG. 85

# I. SEASONAL CHART FOR VINEYARD MECHANIZATION ACTIVITIES OF VITIS LABRUSCANA (and other grapes with drooping growth habits) ON SINGLE CURTAIN TRELLIS

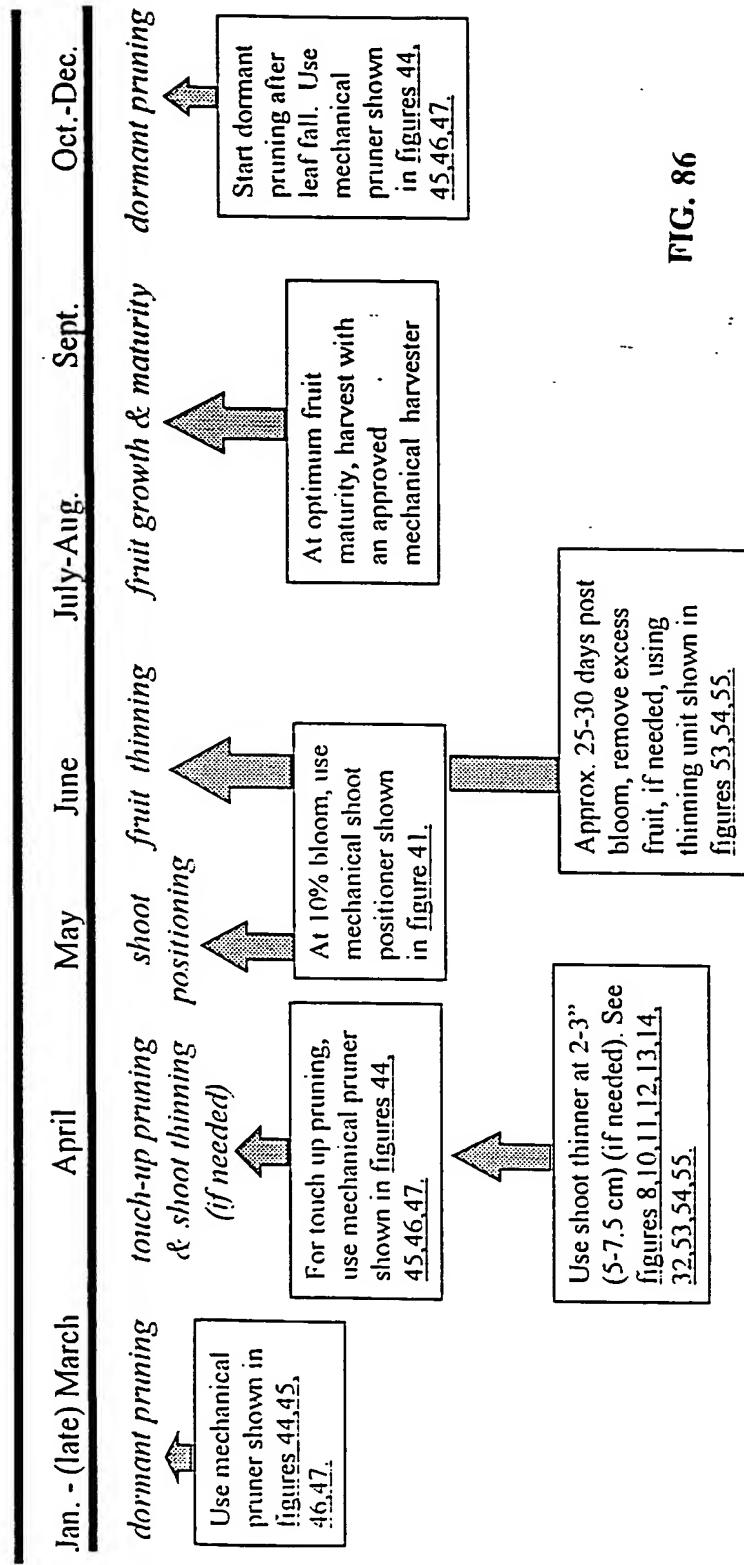


FIG. 86

Exact date of each operation will depend on the viticultural region. The exact date can vary from region to region by as much as 3-4 weeks (depending on the cultivar). Therefore, mechanical operation should be based on physiological growth of the vine. Of course, the seasons in the southern hemisphere are opposite.

**II. SEASONAL CHART FOR VINEYARD MECHANIZATION**  
**ACTIVITIES OF VITIS LABRUSCANA (and other grapes with drooping**  
**growth habits) ON GDC TRELLIS AND GDC-LIKE CANOPY SYSTEMS**

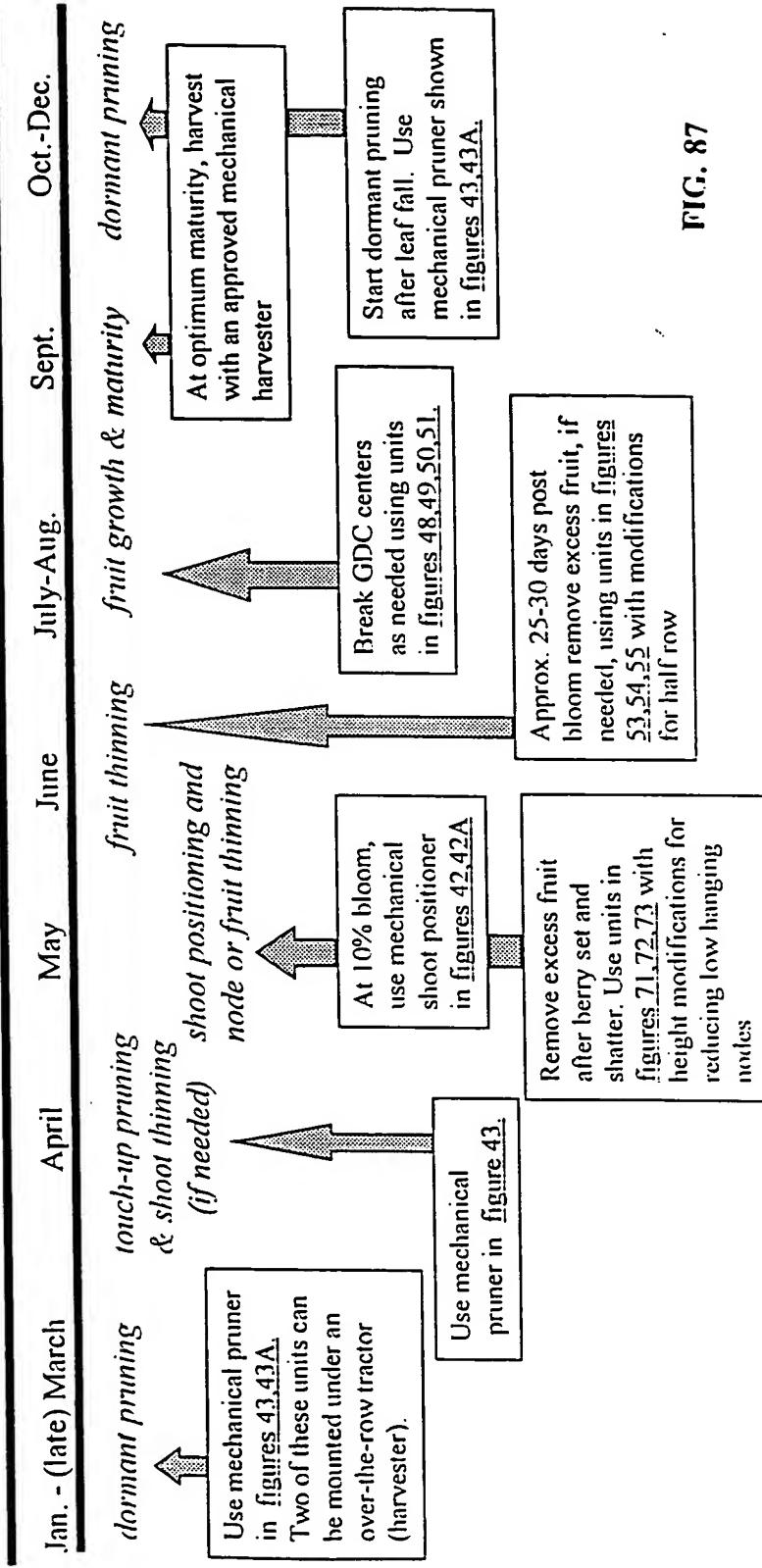


FIG. 87

Exact date of each operation will depend on the viticultural region. The exact date can vary from region to region by as much as 3-4 weeks (depending on the cultivar). Therefore, mechanical operation should be based on physiological growth of the vine. Of course, the seasons in the southern hemisphere are opposite.

**III. SEASONAL CHART FOR VINEYARD MECHANIZATION ACTIVITIES  
ON MINIMAL PRUNED VITIS LABRUSCANA (and other grapes with  
drooping growth habits) ON SINGLE CURTAIN TRELLIS SYSTEMS**

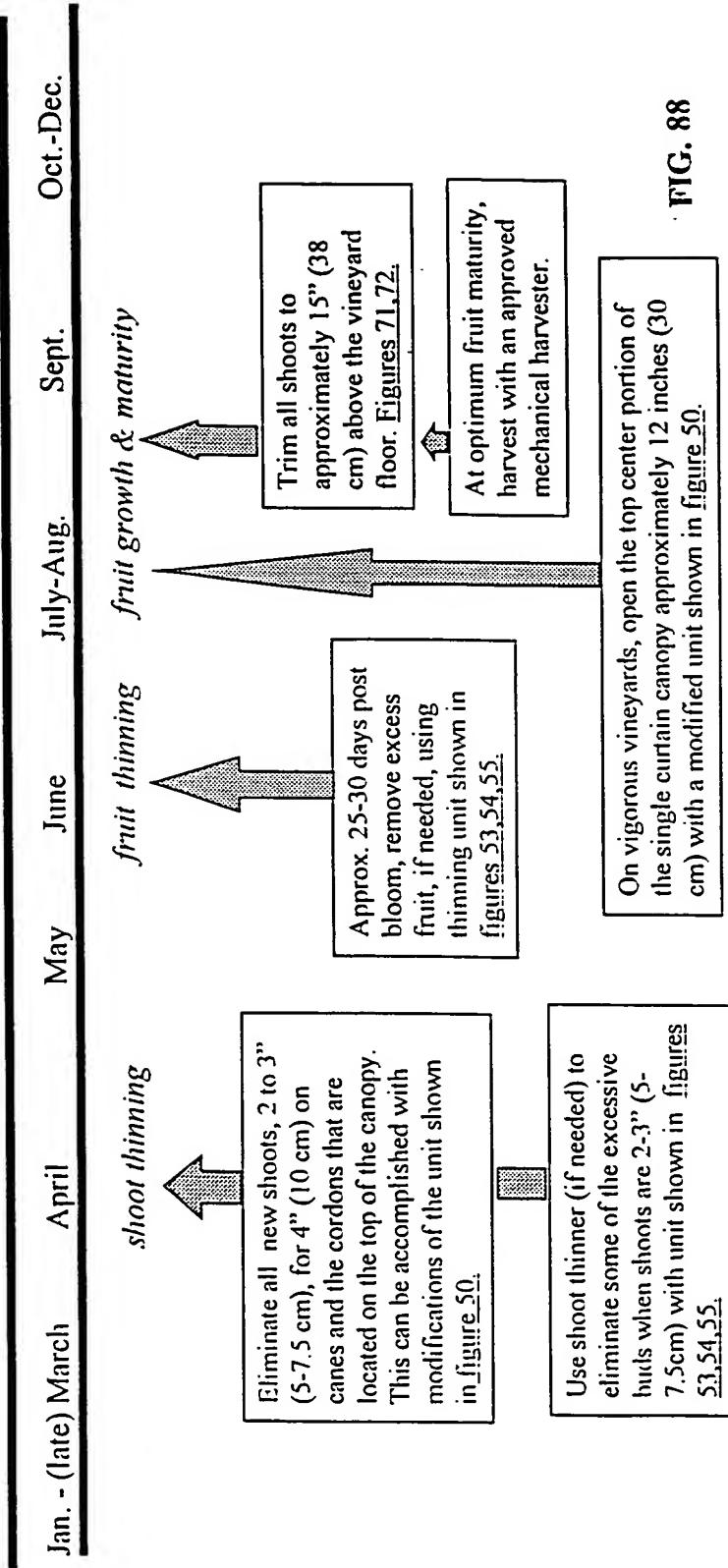
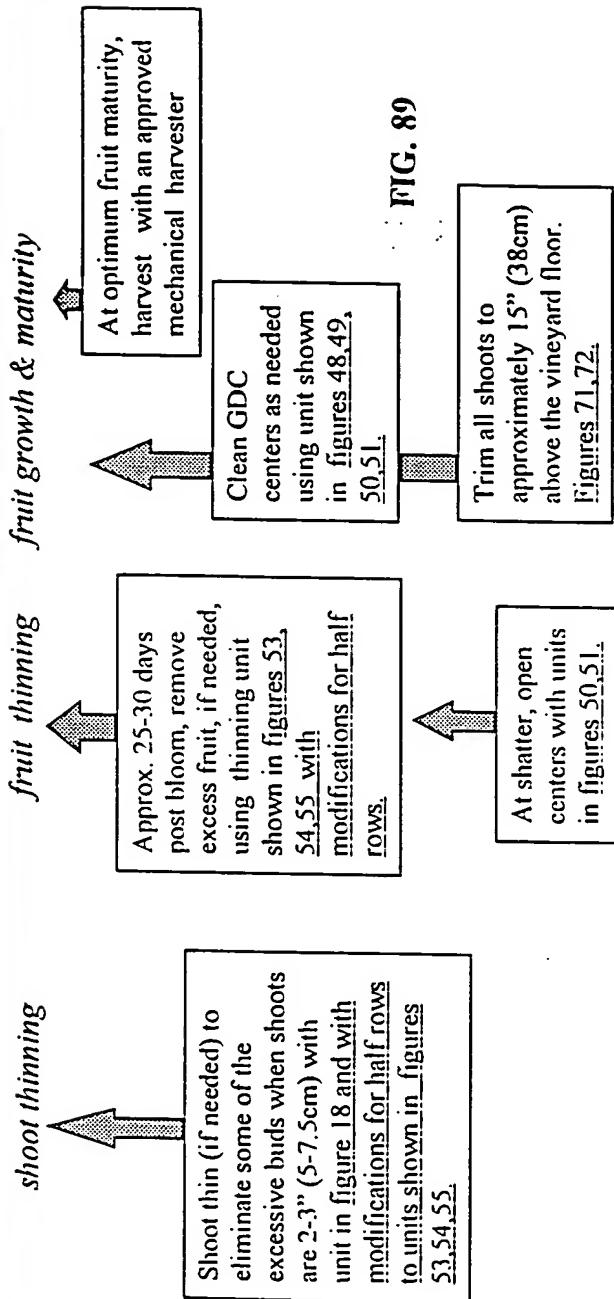


FIG. 88

Exact date of each operation will depend on the viticultural region. The exact date can vary from region to region by as much as 3-4 weeks (depending on the cultivar). Therefore, mechanical operation should be based on physiological growth of the vine. Of course, the seasons in the southern hemisphere are opposite.

**IV. SEASONAL CHART FOR VINEYARD MECHANIZATION ACTIVITIES  
ON MINIMAL PRUNED VITIS LABRUSCANA (and other  
grapes with drooping growth habits) ON GDC TRELLIS SYSTEMS**

Jan. - (late) March	April	May	June	July	Aug.	Sept.	Oct.-Dec.
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Exact date of each operation will depend on the viticultural region. The exact date can vary from region to region by as much as 3-4 weeks (depending on the cultivar). Therefore, mechanical operation should be based on physiological growth of the vine. Of course, the seasons in the southern hemisphere are opposite.

V. SEASONAL CHART FOR VINEYARD MECHANIZATION  
 ACTIVITIES OF VITIS VINITERA AND FRENCH AMERICAN HYBRIDS  
 PRODUCED ON HIGH WIRE SINGLE CURTAIN TRELLISES

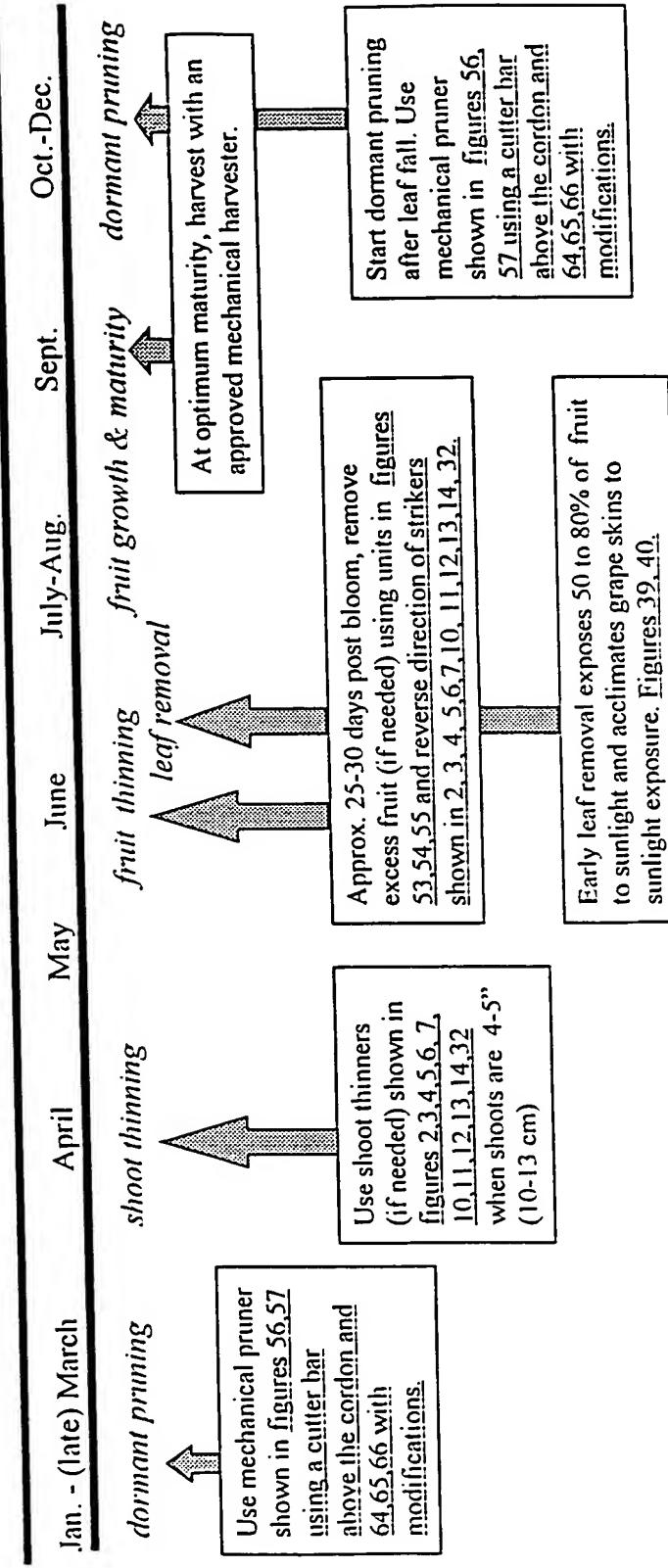


FIG. 90

Exact date of each operation will depend on the viticultural region. The exact date can vary from region to region by as much as 3-4 weeks (depending on the cultivar). Therefore, mechanical operation should be based on physiological growth of the vine. Of course, the seasons in the southern hemisphere are opposite.

VI. SEASONAL CHART FOR VINEYARD MECHANIZATION ACTIVITIES  
OF VITIS VINIFERA AND FRENCH AMERICAN HYBRIDS PRODUCED  
ON GDC AND OTHER DIVIDED CANOPY TRELLISES

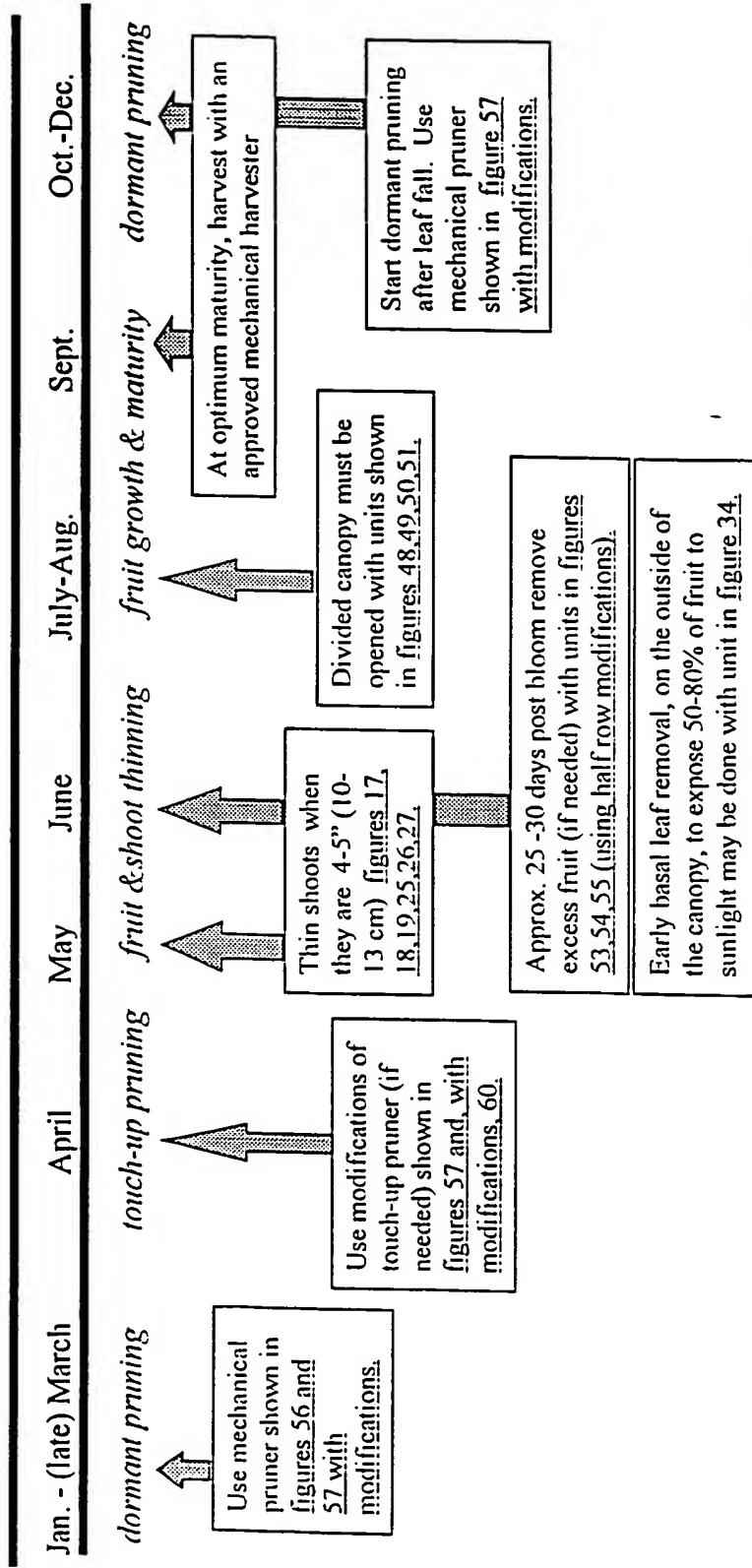


FIG. 91

Exact date of each operation will depend on the viticultural region. The exact date can vary from region to region by as much as 3-4 weeks (depending on the cultivar). Therefore, mechanical operation should be based on physiological growth of the vine. Of course, the seasons in the southern hemisphere are opposite.

**VII. SEASONAL CHART FOR VINEYARD MECHANIZATION ACTIVITIES IN  
MINIMAL PRUNED VITIS VINIFERA AND FRENCH AMERICAN HYBRIDS  
TRAINED TO A HIGH WIRE SINGLE CURTAIN TRELLISING SYSTEM.**

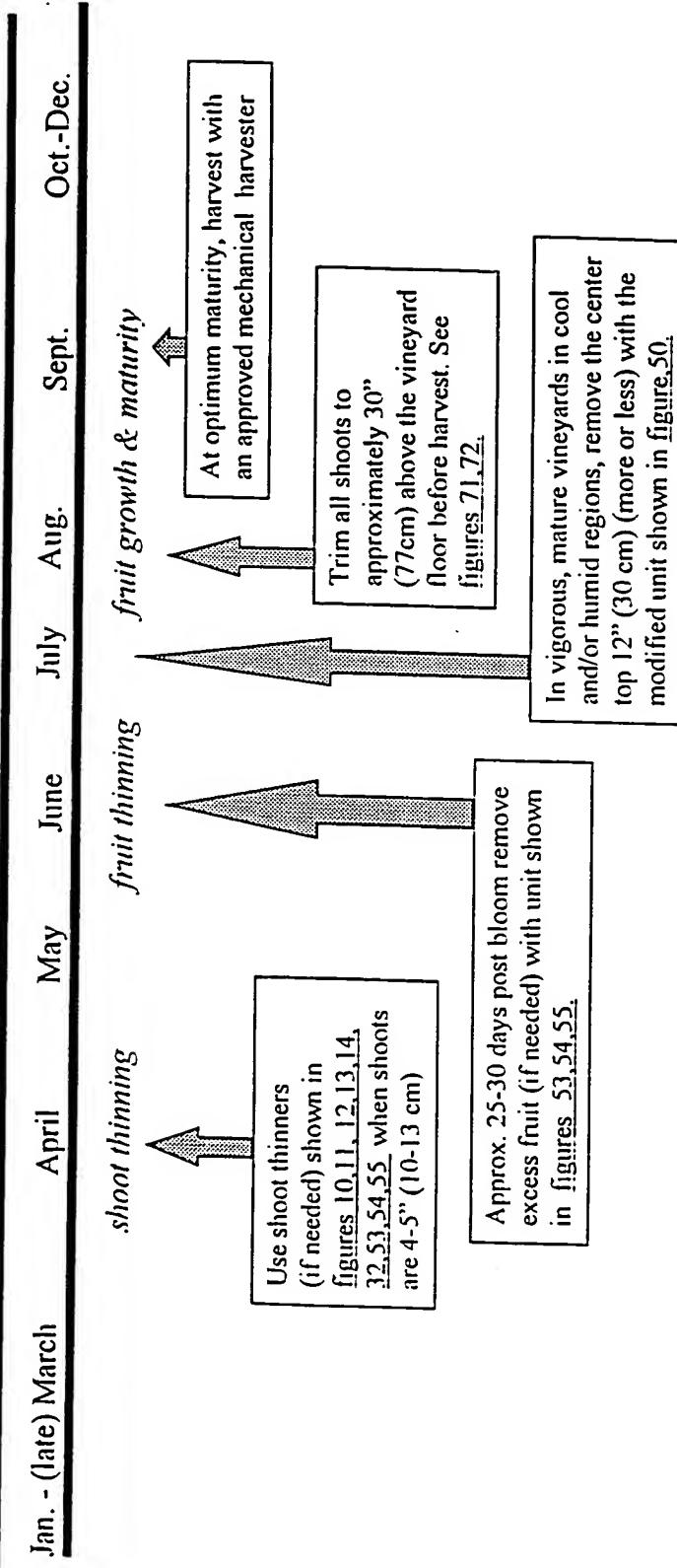
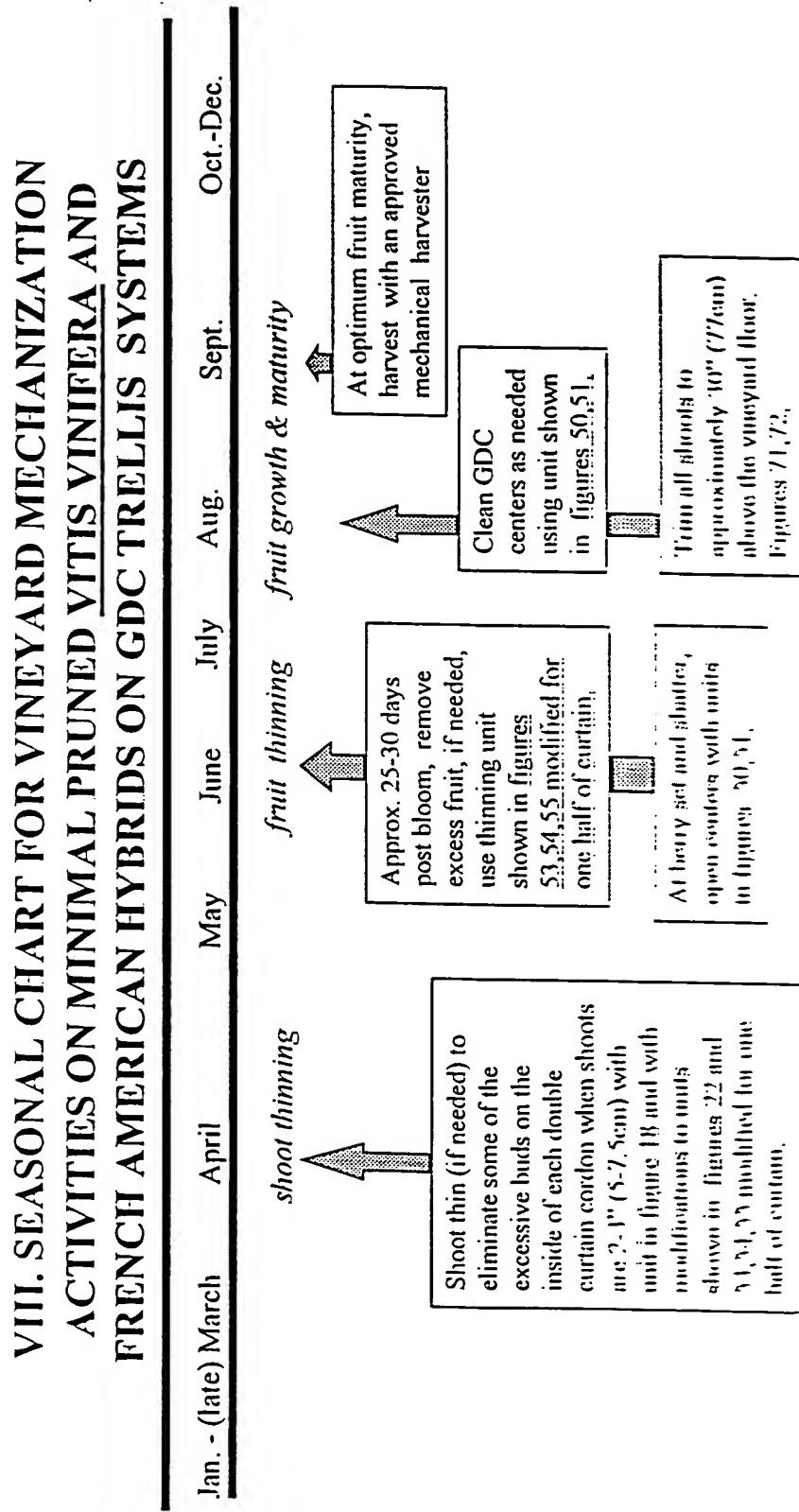


FIG. 92

Exact date of each operation will depend on the viticultural region. The exact date can vary from region to region by as much as 3-4 weeks (depending on the cultivar). Therefore, mechanical operation should be based on physiological growth of the vine. Of course, the seasons in the southern hemisphere are opposite.



Exact date of each operation will depend on the viticultural region. The exact date can vary from region to region by as much as 3-4 weeks (depending on the cultivar). Therefore, mechanical operation should be based on physiological growth of the vine. Of course, the seasons in the southern hemisphere are opposite.

FIG. 93

## IX. SEASONAL CHART FOR VINEYARD MECHANIZATION ACTIVITIES OF VITIS VINITERRA AND FRENCH AMERICAN HYBRIDS PRODUCED ON STANDARD CALIFORNIA T-TRELLIS

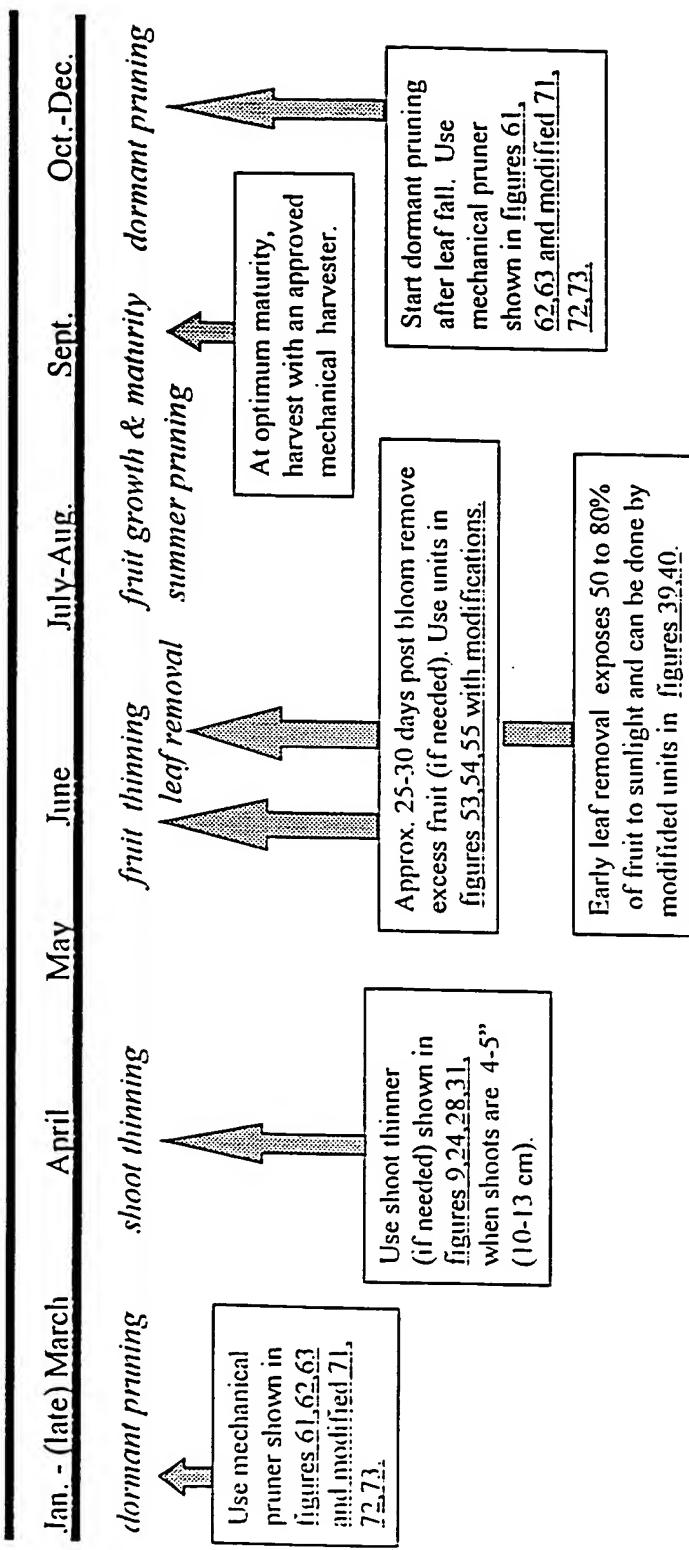


FIG. 94

Exact date of each operation will depend on the viticultural region. The exact date can vary from region to region by as much as 3-4 weeks (depending on the cultivar). Therefore, mechanical operation should be based on physiological growth of the vine. Of course, the seasons in the southern hemisphere are opposite.

**X. SEASONAL CHART FOR VINEYARD MECHANIZATION ACTIVITIES  
OF VITIS VINIFERA AND FRENCH AMERICAN HYBRIDS  
PRODUCED ON STANDARD VERTICAL MOVEABLE CATCH WIRES**

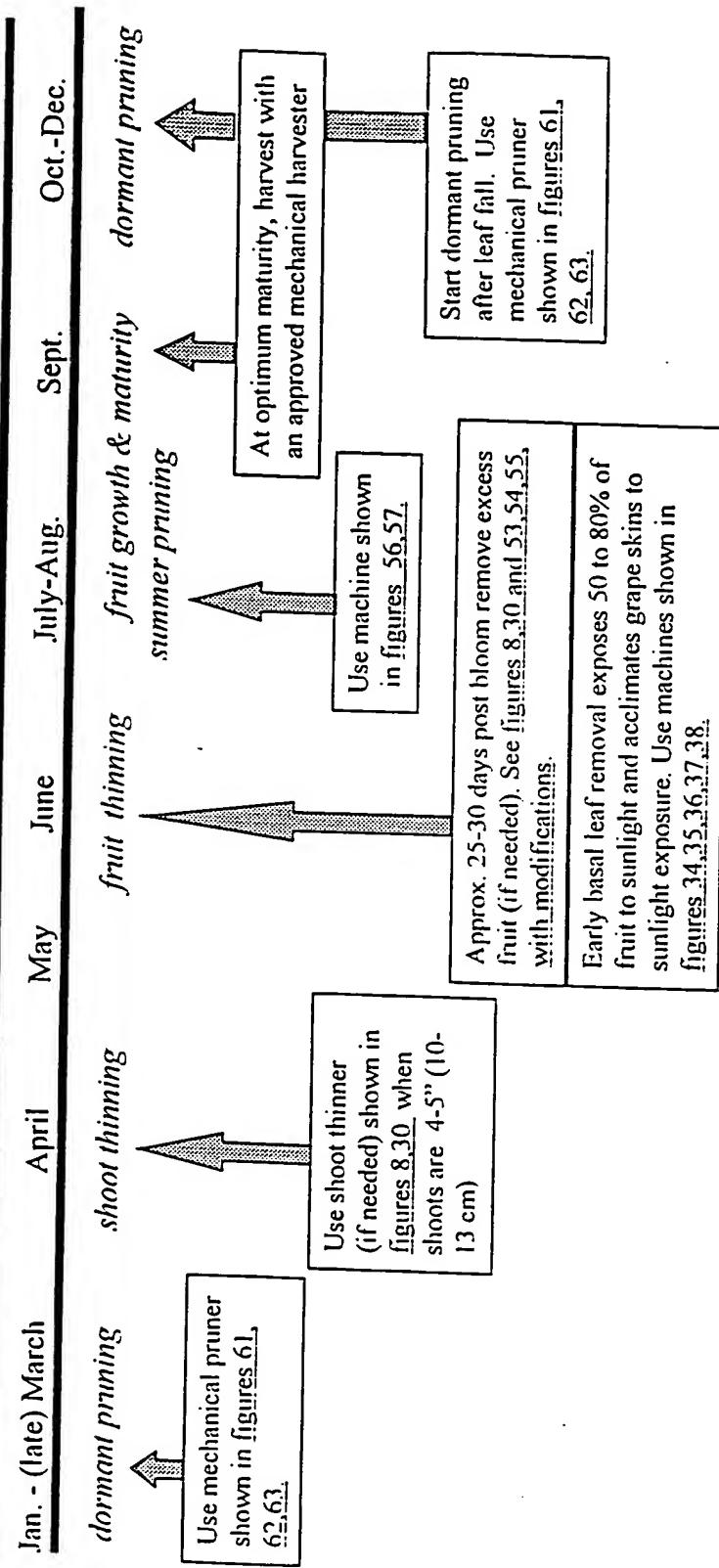


FIG. 95

Exact date of each operation will depend on the viticultural region. The exact date can vary from region to region by as much as 3-4 weeks (depending on the cultivar). Therefore, mechanical operation should be based on physiological growth of the vine. Of course, the seasons in the southern hemisphere are opposite.

## XI. SEASONAL CHART FOR VINEYARD MECHANIZATION ACTIVITIES OF VITIS VINIFERA AND FRENCH AMERICAN HYBRIDS PRODUCED ON LYRE OR "U" AND OTHER DIVIDED CANOPY TRELLISES

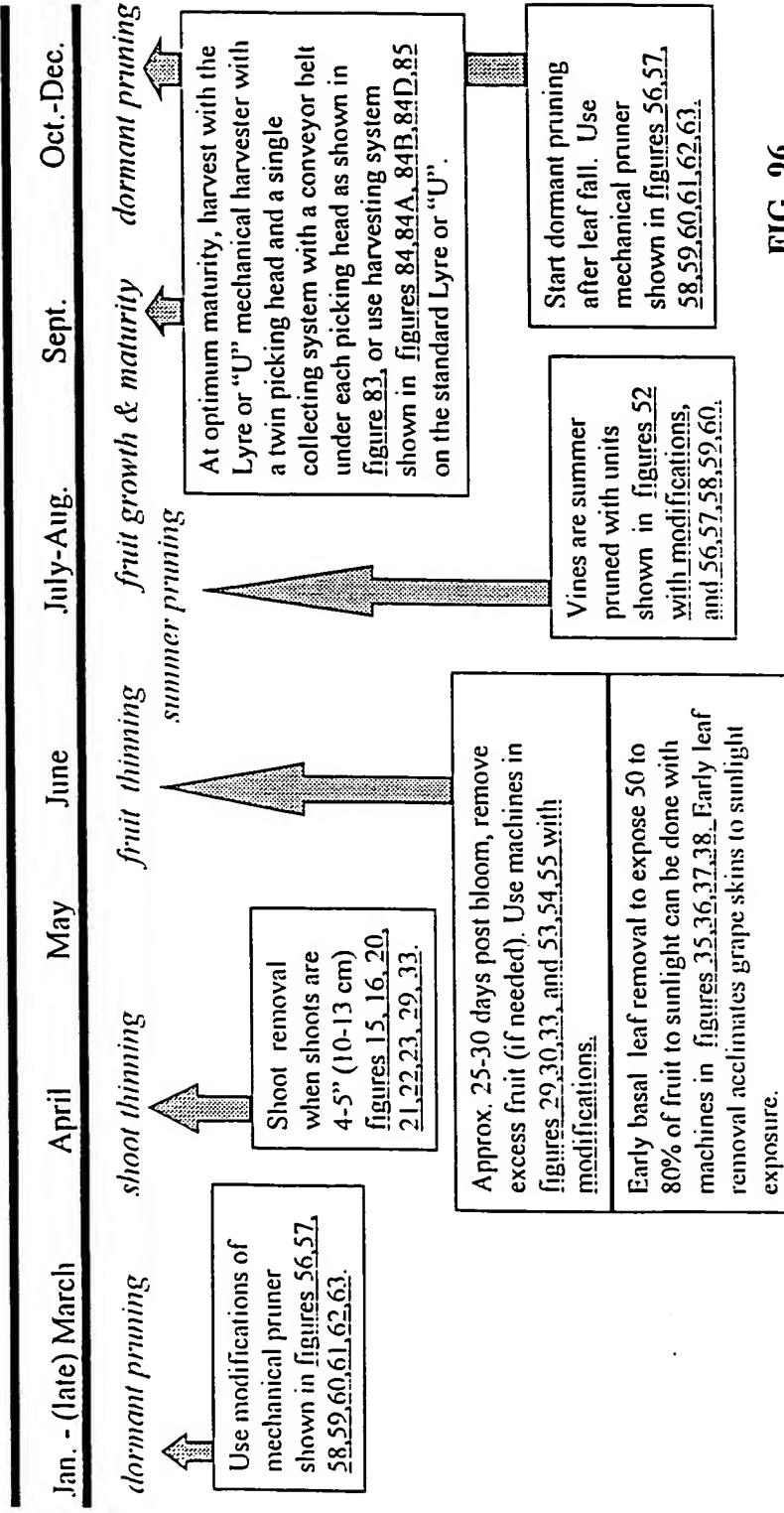


FIG. 96

Exact date of each operation will depend on the viticultural region. The exact date can vary from region to region by as much as 3-4 weeks (depending on the cultivar). Therefore, mechanical operation should be based on physiological growth of the vine. Of course, the seasons in the southern hemisphere are opposite.

**XII. SEASONAL CHART FOR VINEYARD MECHANIZATION ACTIVITIES  
OF VITIS VINIFERA AND FRENCH AMERICAN HYBRIDS ON  
SMART-DYSON BALLERINA (and similar) TRELLISING SYSTEMS.**

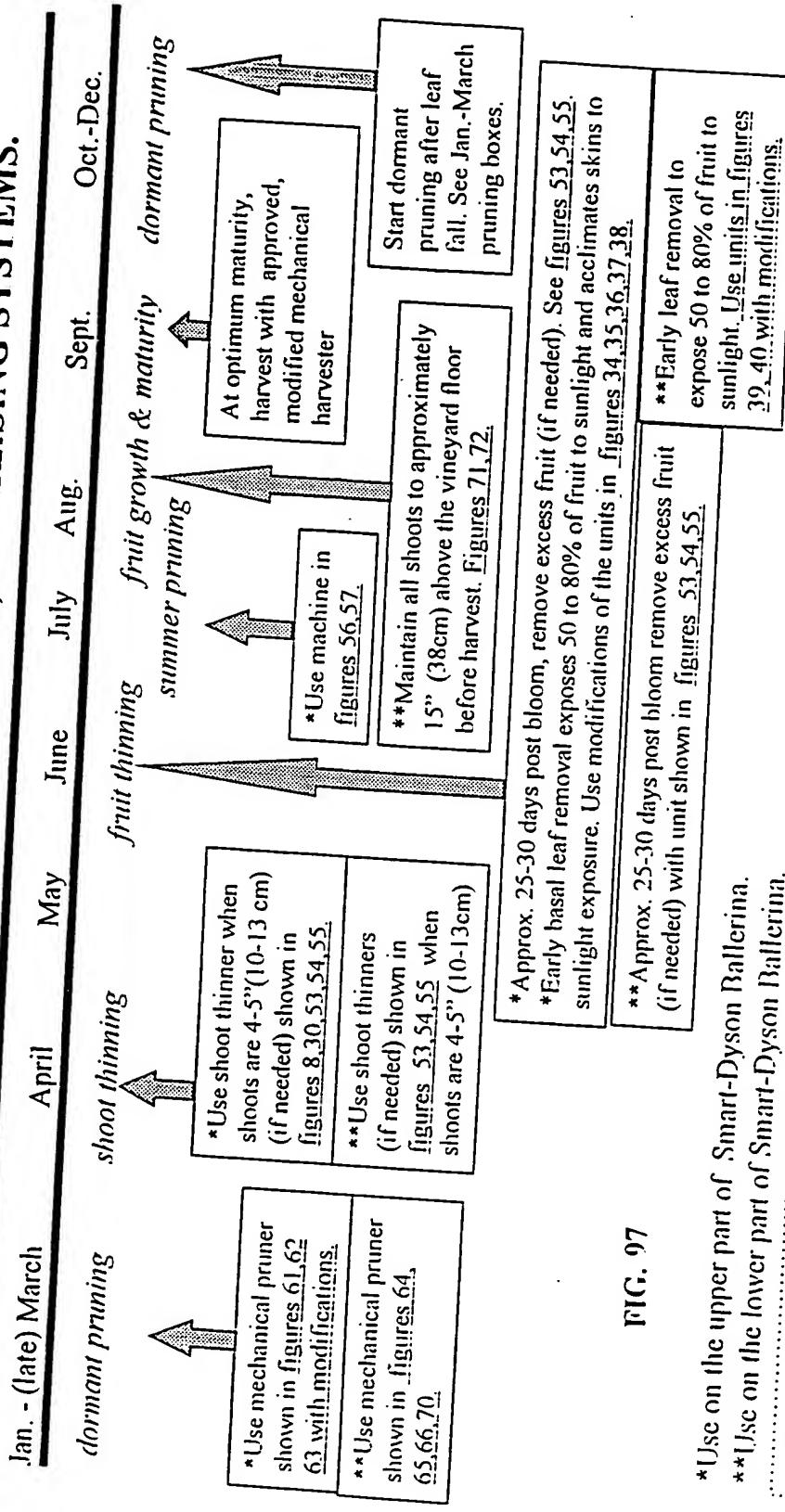


FIG. 97